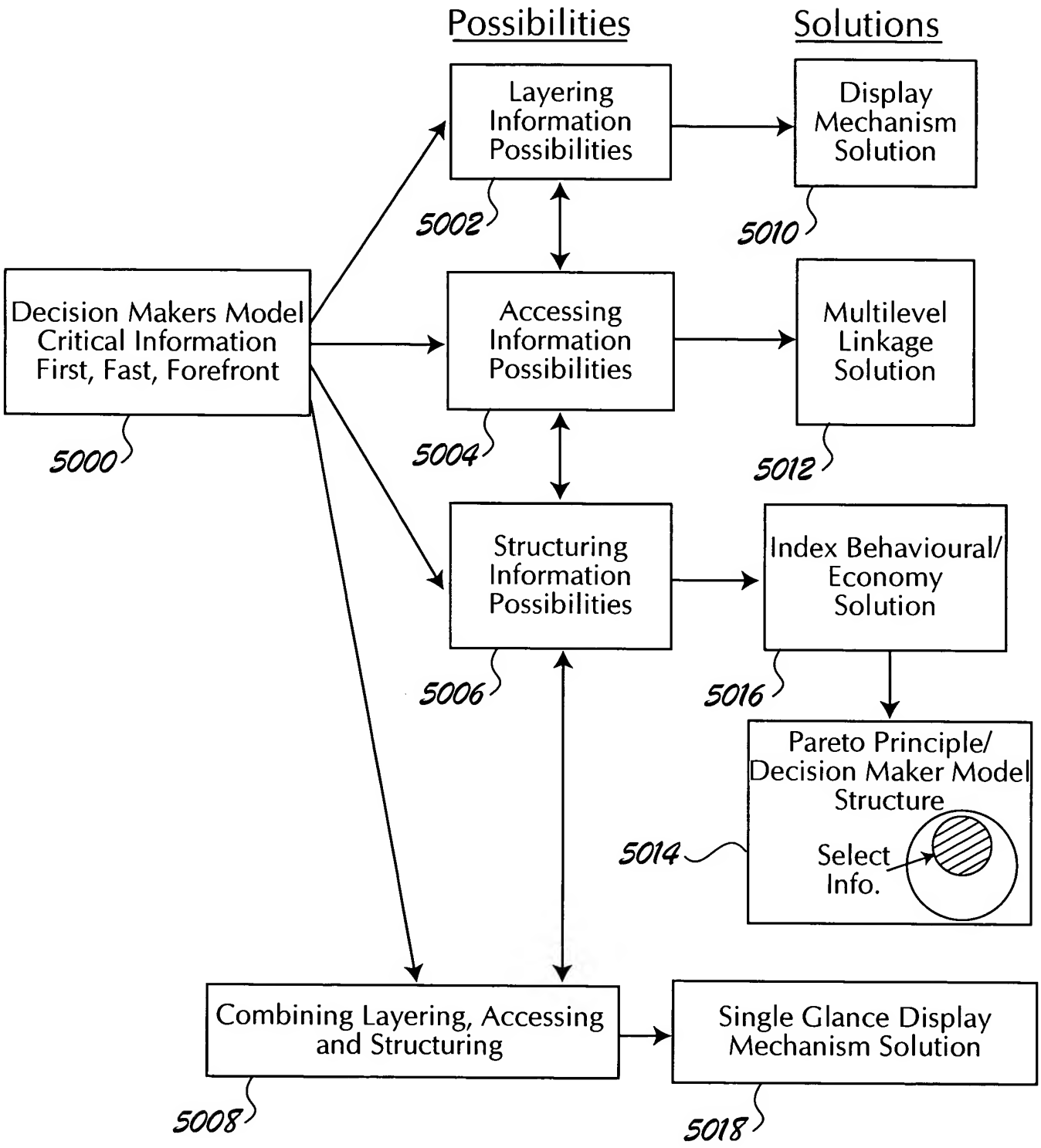

Possibilities
Solutions
Layering Information Possibilities
Display Mechanism Solution
5002
5010
Decision Makers Model Critical Information First, Fast, Forefront
Accessing Information Possibilities
Multilevel Linkage Solution
5000
5004
5012
Structuring Information Possibilities
Index Behavioural/ Economy Solution
5006
5016
Pareto Principle/ Decision Maker Model Structure
5014
Select Info.
Combining Layering, Accessing and Structuring
Single Glance Display Mechanism Solution
5008
5018

FIG. 1A

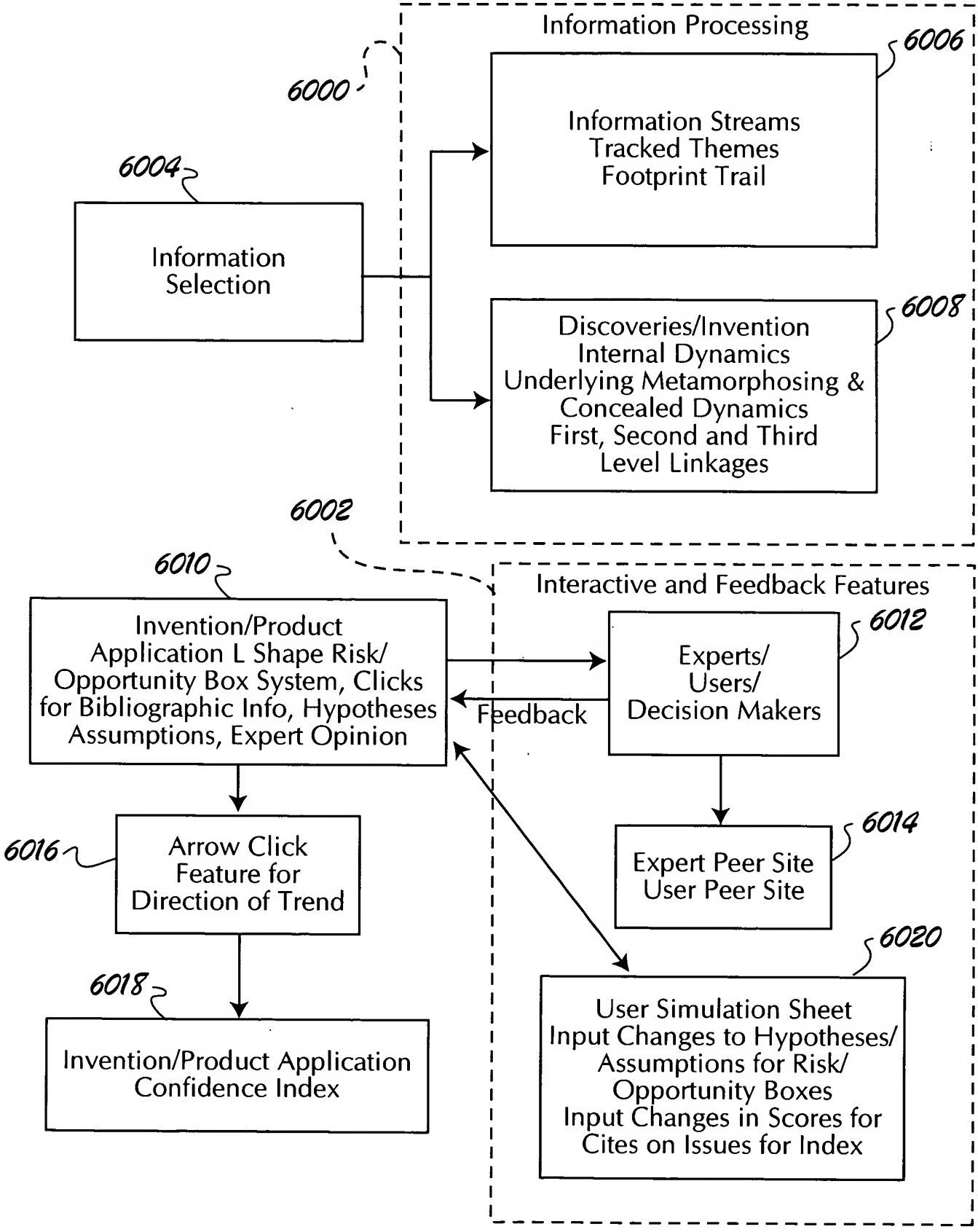

Information Processing
6000
6006
Information Streams
Tracked Themes
Footprint Trail
6004
Information
Selection
6008
Discoveries/Invention
Internal Dynamics
Underlying Metamorphosing &
Concealed Dynamics
First, Second and Third
Level Linkages
6002
Interactive and Feedback Features
6010
Invention/Product
Application L Shape Risk/
Opportunity Box System, Clicks
for Bibliographic Info, Hypotheses
Assumptions, Expert Opinion
6012
Experts/
Users/
Decision Makers
Feedback
6016
Arrow Click
Feature for
Direction of Trend
6014
Expert Peer Site
User Peer Site
6020
User Simulation Sheet
Input Changes to Hypotheses/
Assumptions for Risk/
Opportunity Boxes
Input Changes in Scores for
Cites on Issues for Index
6018
Invention/Product Application
Confidence Index

FIG. 1B

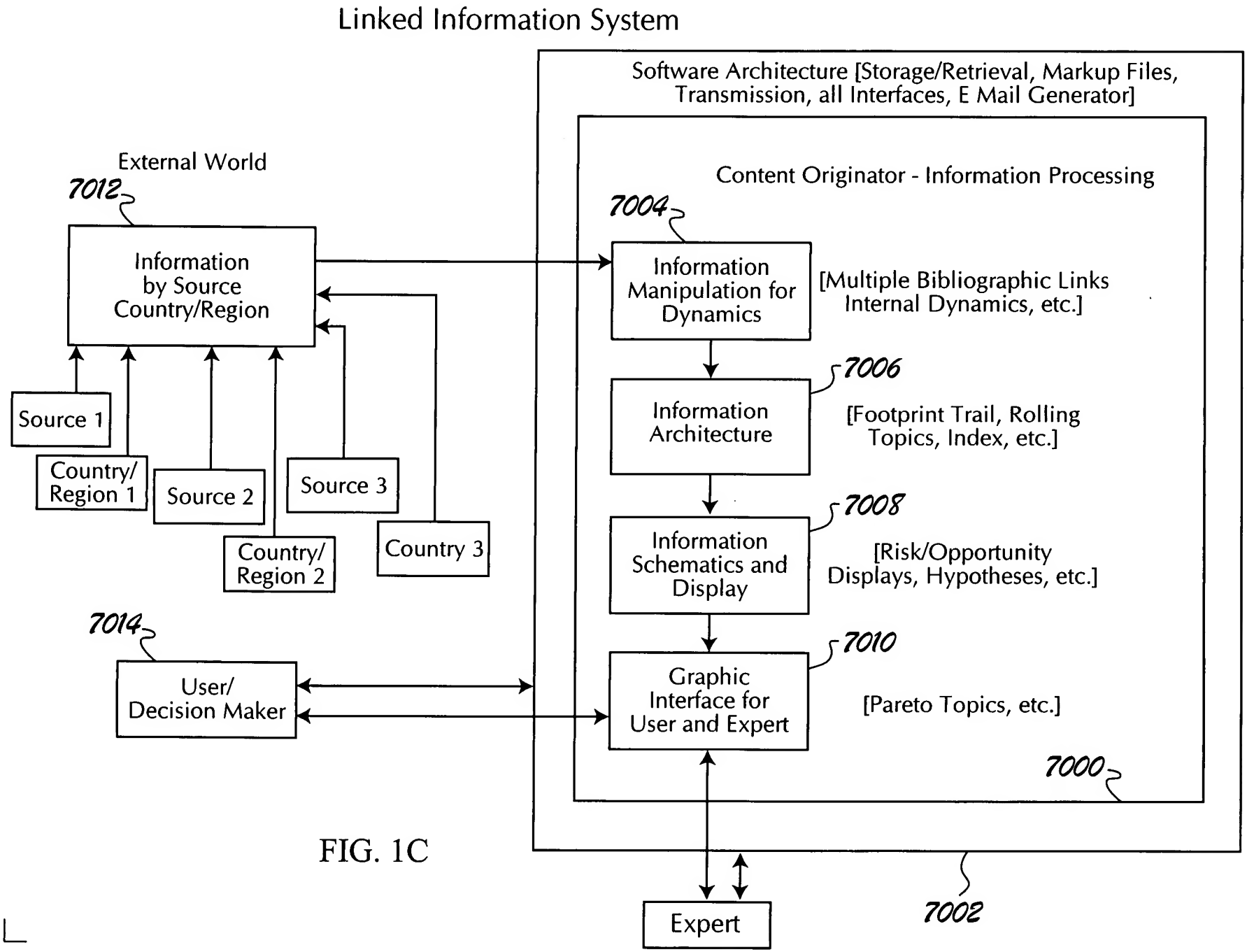

Linked Information System
Software Architecture [Storage/Retrieval, Markup Files, Transmission, all Interfaces, E Mail Generator]
External World
7012
Information by Source Country/Region
Source 1
Country/ Region 1
Source 2
Source 3
Country/ Region 2
Country 3
7014
User/ Decision Maker
Content Originator - Information Processing
7004
Information Manipulation for Dynamics
[Multiple Bibliographic Links Internal Dynamics, etc.]
7006
Information Architecture
[Footprint Trail, Rolling Topics, Index, etc.]
7008
Information Schematics and Display
[Risk/Opportunity Displays, Hypotheses, etc.]
7010
Graphic Interface for User and Expert
[Pareto Topics, etc.]
7000
7002
Expert

FIG. 1C

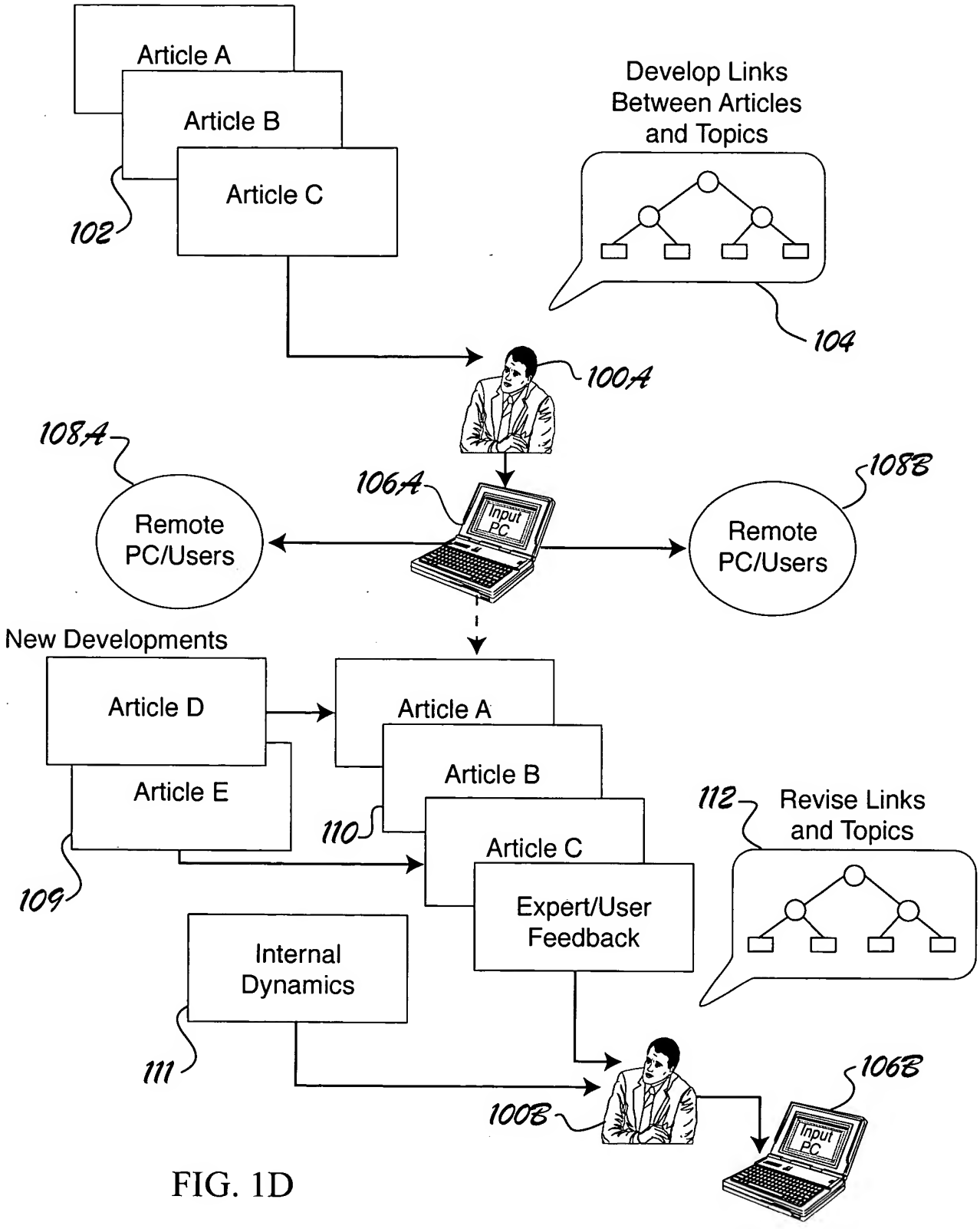

Article A
Article B
Article C
102
Develop Links Between Articles and Topics
104
100A
108A
Remote PC/Users
106A
Input PC
108B
Remote PC/Users
New Developments
Article D
Article E
109
Article A
Article B
110
Article C
Expert/User Feedback
112
Revise Links and Topics
Internal Dynamics
111
100B
106B
Input PC

FIG. 1D

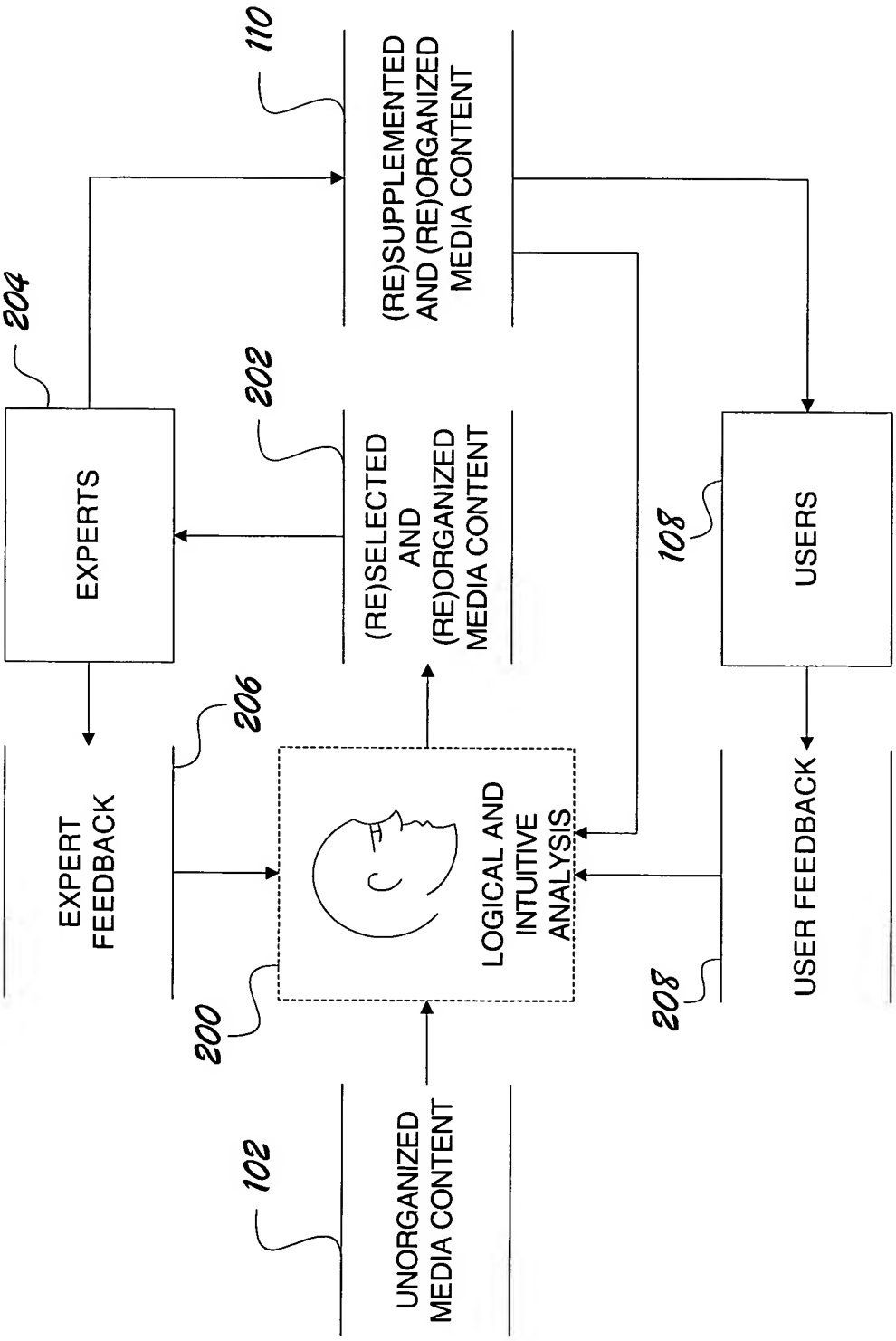

110
(RE)SUPPLEMENTED AND (RE)ORGANIZED MEDIA CONTENT
204
EXPERTS
202
(RE)SELECTED AND (RE)ORGANIZED MEDIA CONTENT
108
USERS
206
EXPERT FEEDBACK
LOGICAL AND INTUITIVE ANALYSIS
USER FEEDBACK
200
208
102
UNORGANIZED MEDIA CONTENT

FIG. 2

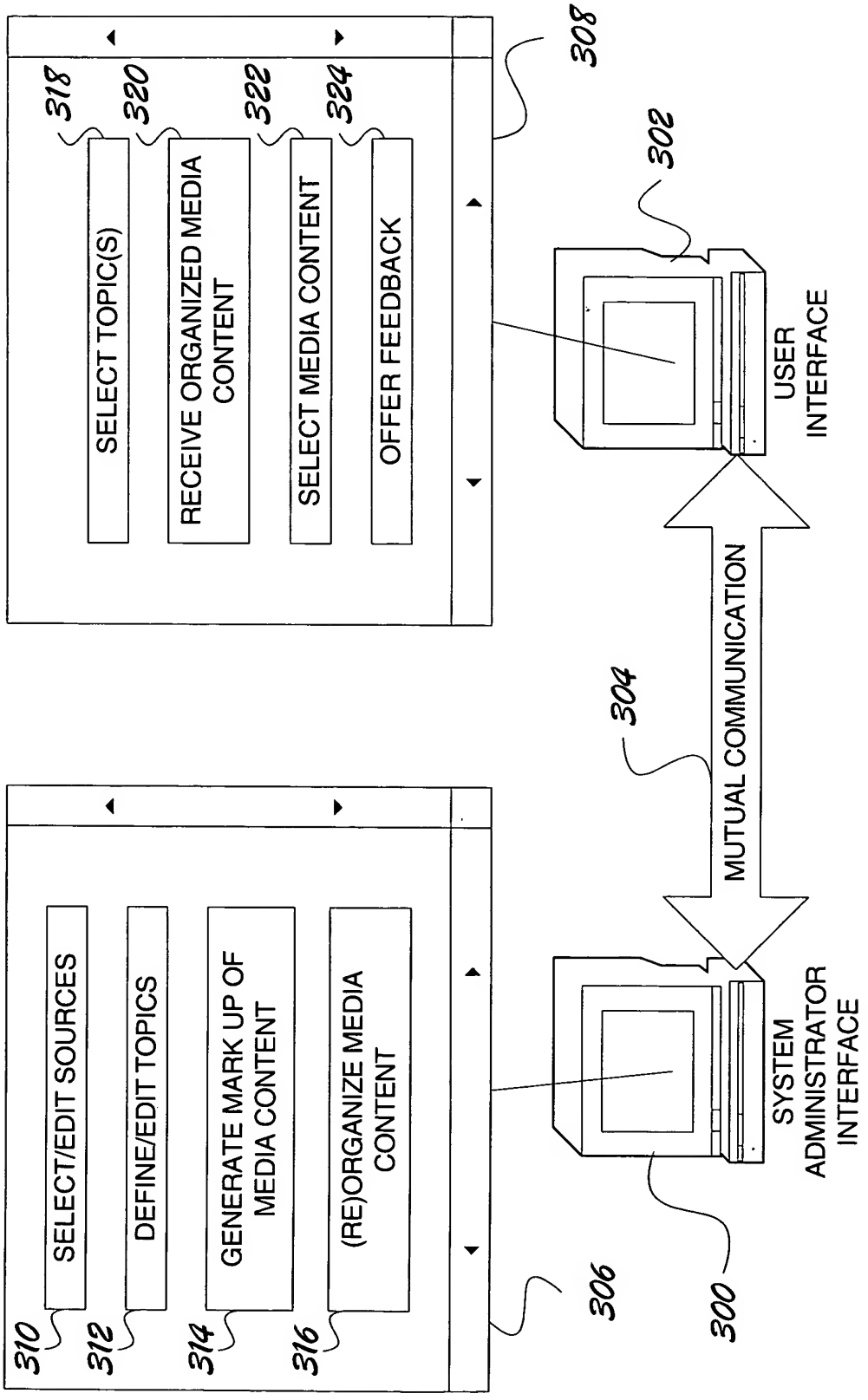

308
318
320
322
324
SELECT TOPIC(S)
RECEIVE ORGANIZED MEDIA CONTENT
SELECT MEDIA CONTENT
OFFER FEEDBACK
302
USER INTERFACE
304
MUTUAL COMMUNICATION
310
312
314
316
SELECT/EDIT SOURCES
DEFINE/EDIT TOPICS
GENERATE MARK UP OF MEDIA CONTENT
(RE)ORGANIZE MEDIA CONTENT
306
300
SYSTEM ADMINISTRATOR INTERFACE

FIG. 3

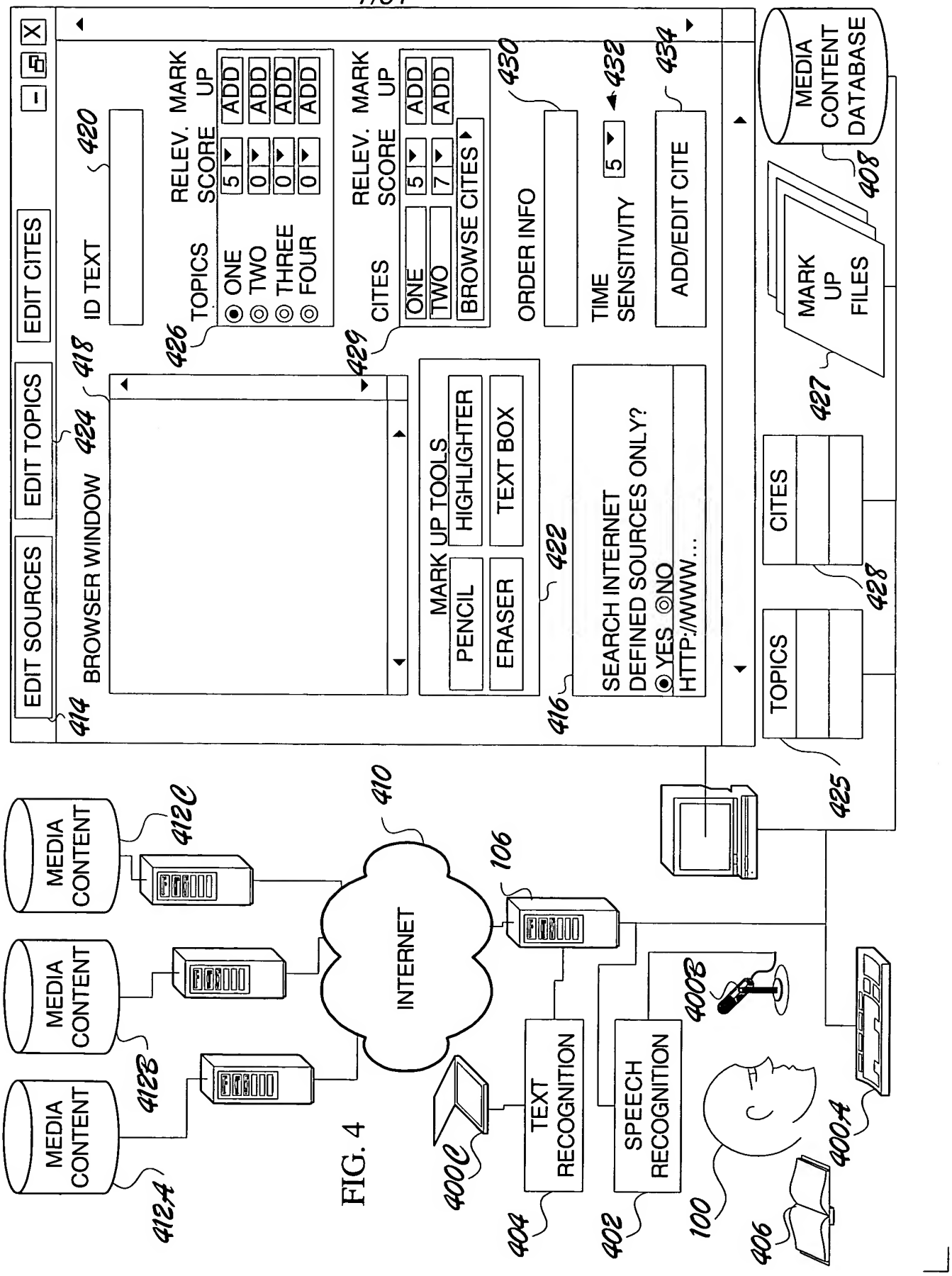

EDIT SOURCES
EDIT TOPICS
EDIT CITES
BROWSER WINDOW
ID TEXT
TOPICS
RELEV. SCORE
MARK UP
ONE
TWO
THREE
FOUR
ADD
CITES
ONE
TWO
BROWSE CITES
ORDER INFO
TIME SENSITIVITY
ADD/EDIT CITE
MARK UP TOOLS
PENCIL
HIGHLIGHTER
ERASER
TEXT BOX
SEARCH INTERNET DEFINED SOURCES ONLY?
YES
NO
HTTP://WWW....
MEDIA CONTENT DATABASE
MARK UP FILES
CITES
TOPICS
MEDIA CONTENT
INTERNET
TEXT RECOGNITION
SPEECH RECOGNITION
414
416
418
420
422
424
425
426
427
428
429
430
432
434
410
412A
412B
412C
400A
400B
400C
402
404
406
408
100
106

FIG. 4

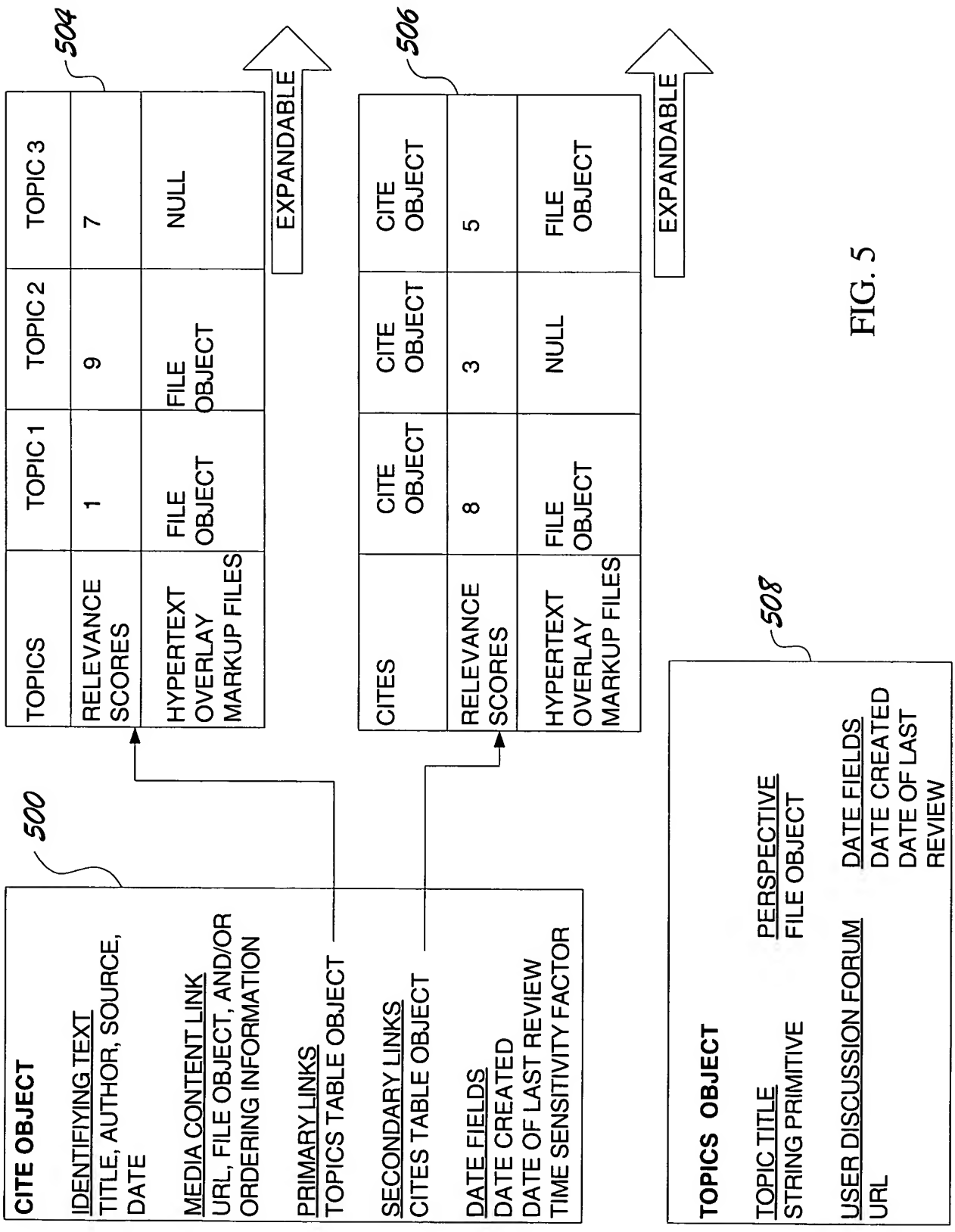

504
TOPICS
TOPIC 1
TOPIC 2
TOPIC 3
RELEVANCE SCORES
1
9
7
HYPERTEXT OVERLAY MARKUP FILES
FILE OBJECT
FILE OBJECT
NULL
EXPANDABLE
506
CITES
CITE OBJECT
CITE OBJECT
CITE OBJECT
RELEVANCE SCORES
8
3
5
HYPERTEXT OVERLAY MARKUP FILES
FILE OBJECT
NULL
FILE OBJECT
EXPANDABLE
500
CITE OBJECT
IDENTIFIYING TEXT
TITLE, AUTHOR, SOURCE, DATE
MEDIA CONTENT LINK
URL, FILE OBJECT, AND/OR ORDERING INFORMATION
PRIMARY LINKS
TOPICS TABLE OBJECT
SECONDARY LINKS
CITES TABLE OBJECT
DATE FIELDS
DATE CREATED
DATE OF LAST REVIEW
TIME SENSITIVITY FACTOR
508
TOPICS OBJECT
TOPIC TITLE
STRING PRIMITIVE
PERSPECTIVE
FILE OBJECT
USER DISCUSSION FORUM
URL
DATE FIELDS
DATE CREATED
DATE OF LAST REVIEW

FIG. 5

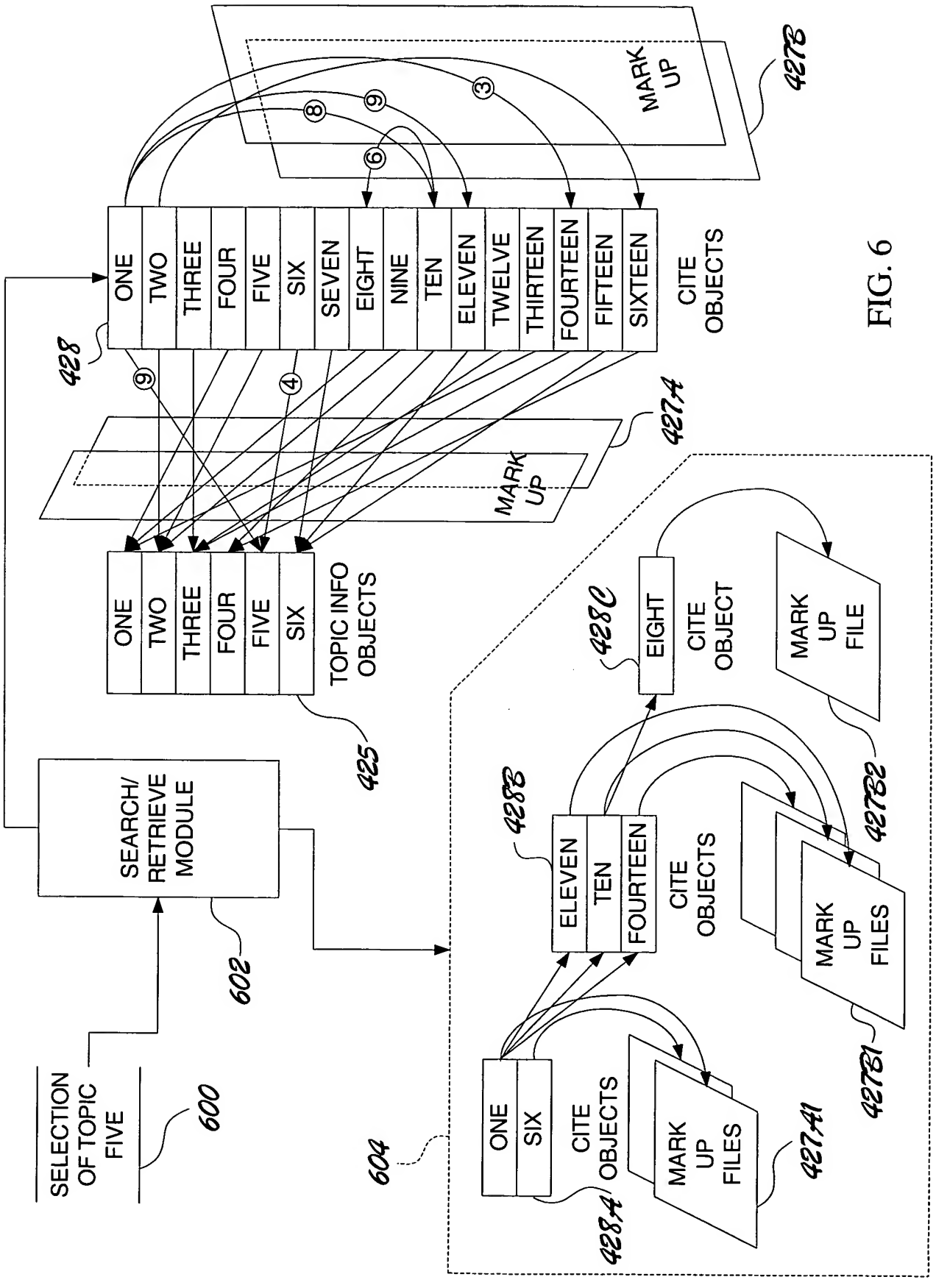

SELECTION OF TOPIC FIVE
600
SEARCH/ RETRIEVE MODULE
602
ONE
TWO
THREE
FOUR
FIVE
SIX
TOPIC INFO OBJECTS
425
428
ONE
TWO
THREE
FOUR
FIVE
SIX
SEVEN
EIGHT
NINE
TEN
ELEVEN
TWELVE
THIRTEEN
FOURTEEN
FIFTEEN
SIXTEEN
CITE OBJECTS
MARK UP
427A
MARK UP
427B
4280
EIGHT
CITE OBJECT
MARK UP FILE
42782
4288
ELEVEN
TEN
FOURTEEN
CITE OBJECTS
MARK UP FILES
42781
604
ONE
SIX
CITE OBJECTS
428A
MARK UP FILES
427A1

FIG. 6

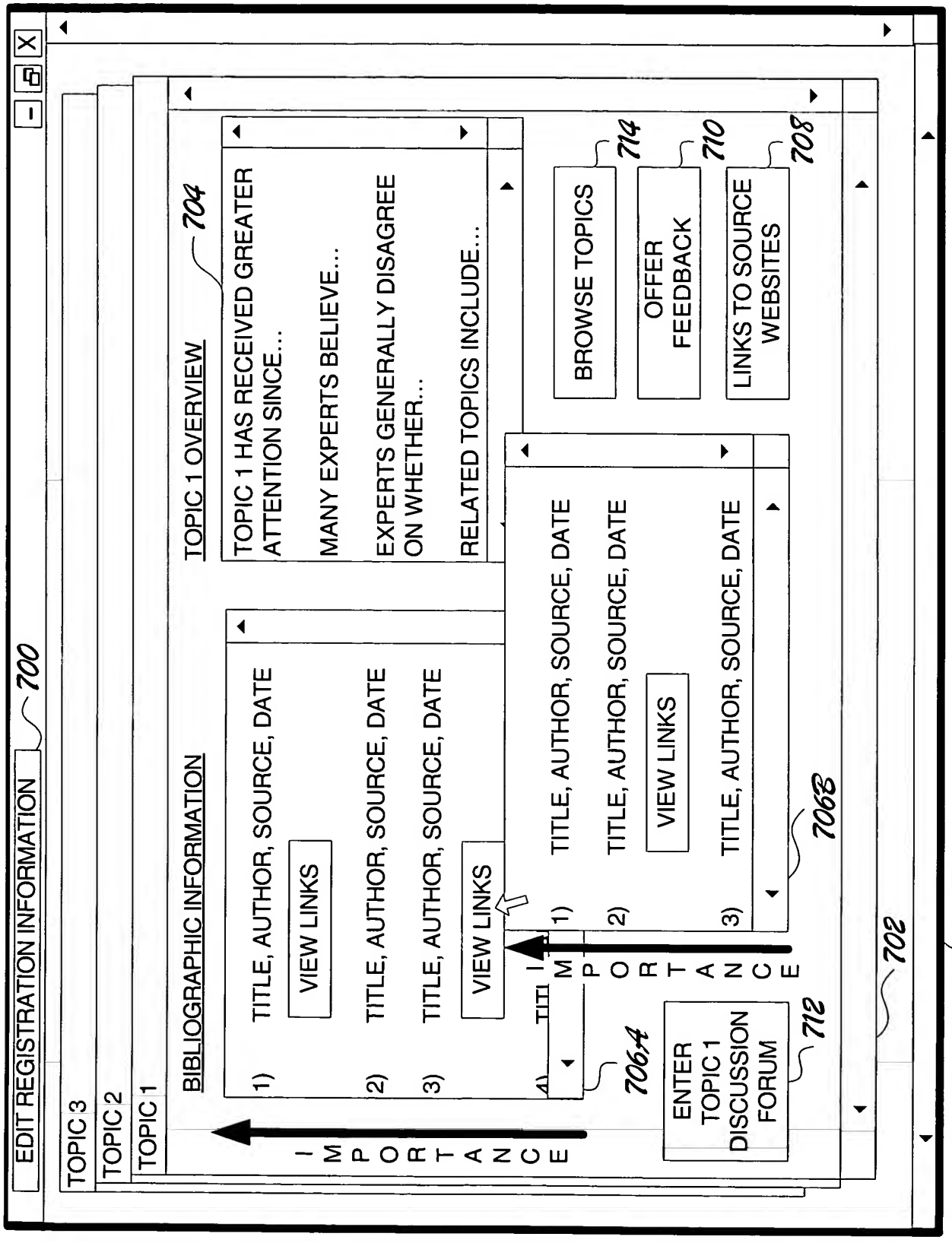

EDIT REGISTRATION INFORMATION
700
TOPIC 3
TOPIC 2
TOPIC 1
BIBLIOGRAPHIC INFORMATION
TOPIC 1 OVERVIEW
704
TOPIC 1 HAS RECEIVED GREATER ATTENTION SINCE...
MANY EXPERTS BELIEVE...
EXPERTS GENERALLY DISAGREE ON WHETHER...
RELATED TOPICS INCLUDE...
1) TITLE, AUTHOR, SOURCE, DATE
VIEW LINKS
2) TITLE, AUTHOR, SOURCE, DATE
3) TITLE, AUTHOR, SOURCE, DATE
VIEW LINKS
IMPORTANCE
1) TITLE, AUTHOR, SOURCE, DATE
2) TITLE, AUTHOR, SOURCE, DATE
VIEW LINKS
3) TITLE, AUTHOR, SOURCE, DATE
706A
706B
706C
BROWSE TOPICS
714
OFFER FEEDBACK
710
LINKS TO SOURCE WEBSITES
708
ENTER TOPIC 1 DISCUSSION FORUM
712
702
308

FIG. 7

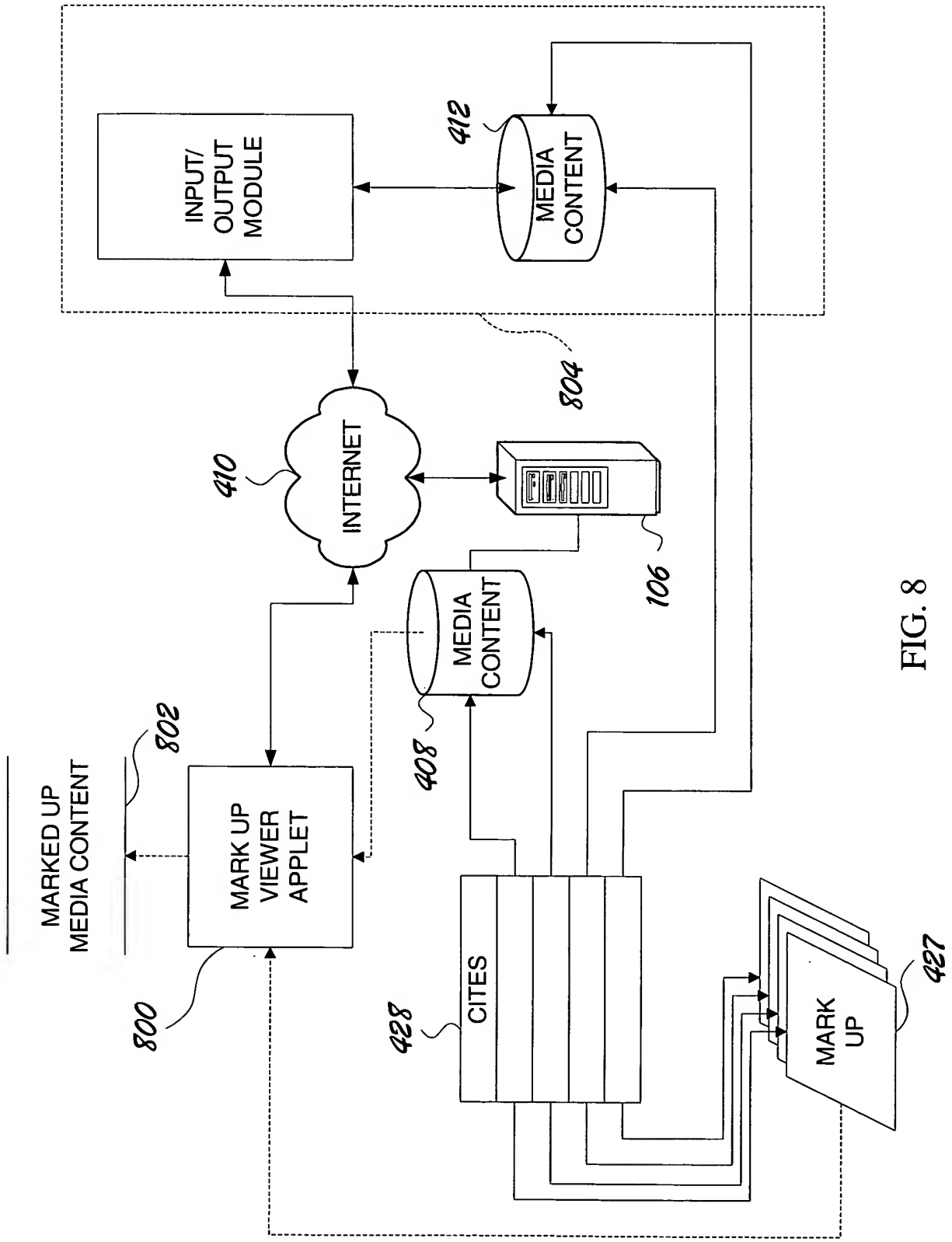

INPUT/ OUTPUT MODULE
412
MEDIA CONTENT
804
INTERNET
410
106
MEDIA CONTENT
408
802
MARKED UP MEDIA CONTENT
MARK UP VIEWER APPLET
800
CITES
428
MARK UP
427

FIG. 8

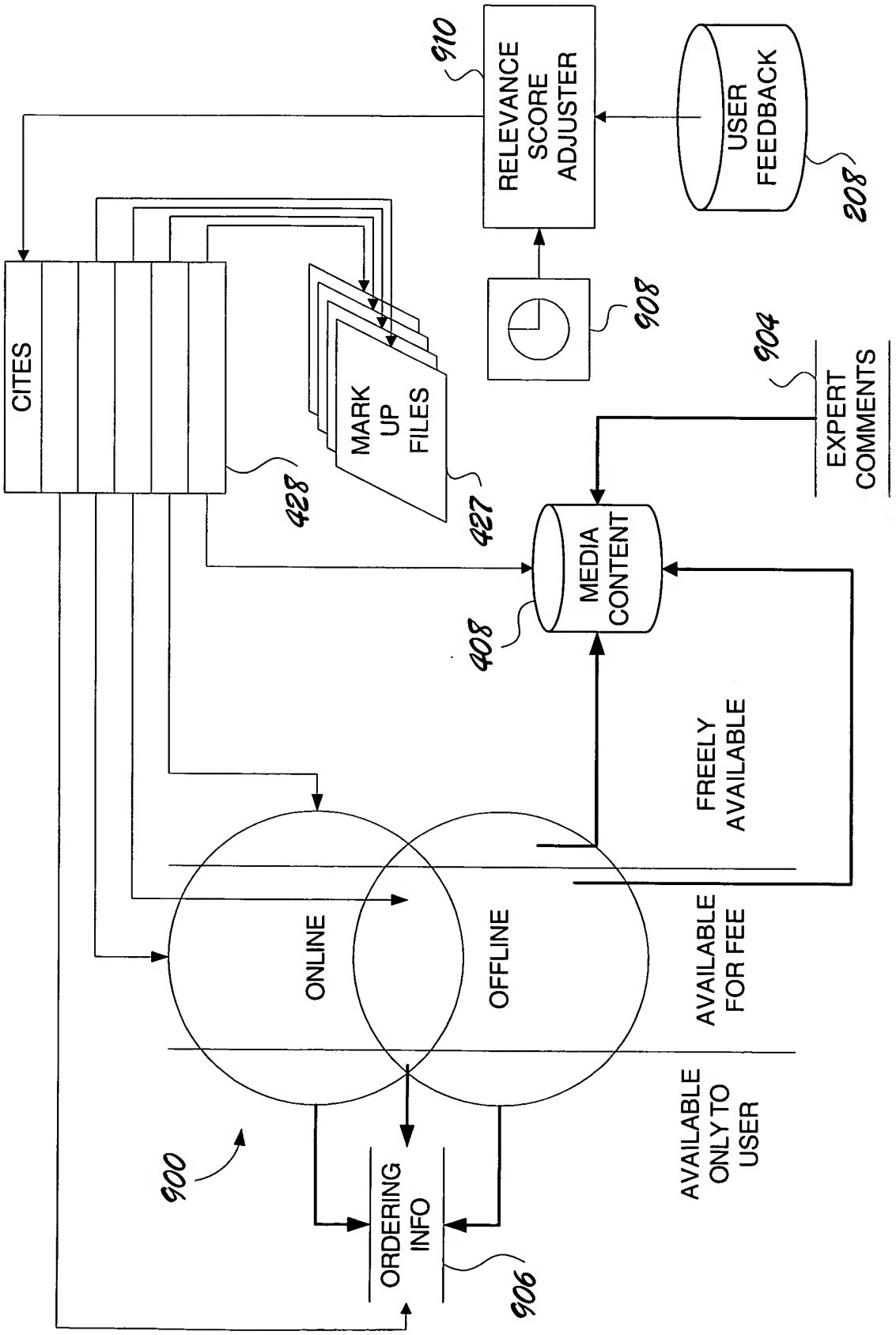

910
RELEVANCE SCORE ADJUSTER
USER FEEDBACK
208
908
904
EXPERT COMMENTS
CITES
MARK UP FILES
428
427
MEDIA CONTENT
408
FREELY AVAILABLE
ONLINE
OFFLINE
AVAILABLE FOR FEE
AVAILABLE ONLY TO USER
900
ORDERING INFO
906

FIG. 9

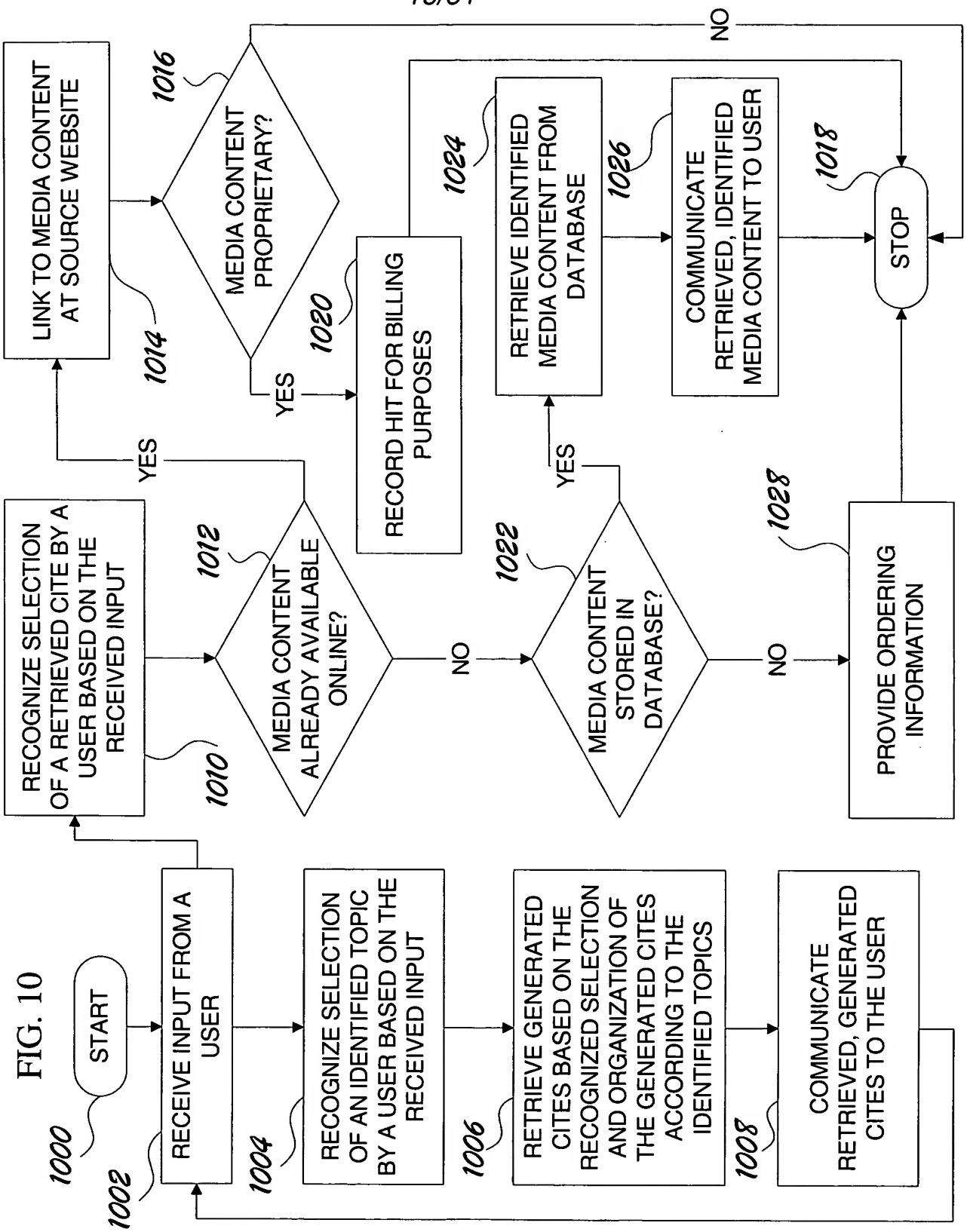

START
1000
RECEIVE INPUT FROM A USER
1002
RECOGNIZE SELECTION OF A RETRIEVED CITE BY A USER BASED ON THE RECEIVED INPUT
1010
RECOGNIZE SELECTION OF AN IDENTIFIED TOPIC BY A USER BASED ON THE RECEIVED INPUT
1004
RETRIEVE GENERATED CITES BASED ON THE RECOGNIZED SELECTION AND ORGANIZATION OF THE GENERATED CITES ACCORDING TO THE IDENTIFIED TOPICS
1006
COMMUNICATE RETRIEVED, GENERATED CITES TO THE USER
1008
MEDIA CONTENT ALREADY AVAILABLE ONLINE?
1012
YES
NO
MEDIA CONTENT STORED IN DATABASE?
1022
YES
NO
PROVIDE ORDERING INFORMATION
1028
LINK TO MEDIA CONTENT AT SOURCE WEBSITE
1014
MEDIA CONTENT PROPRIETARY?
1016
YES
NO
RECORD HIT FOR BILLING PURPOSES
1020
RETRIEVE IDENTIFIED MEDIA CONTENT FROM DATABASE
1024
COMMUNICATE RETRIEVED, IDENTIFIED MEDIA CONTENT TO USER
1026
STOP
1018

FIG. 10

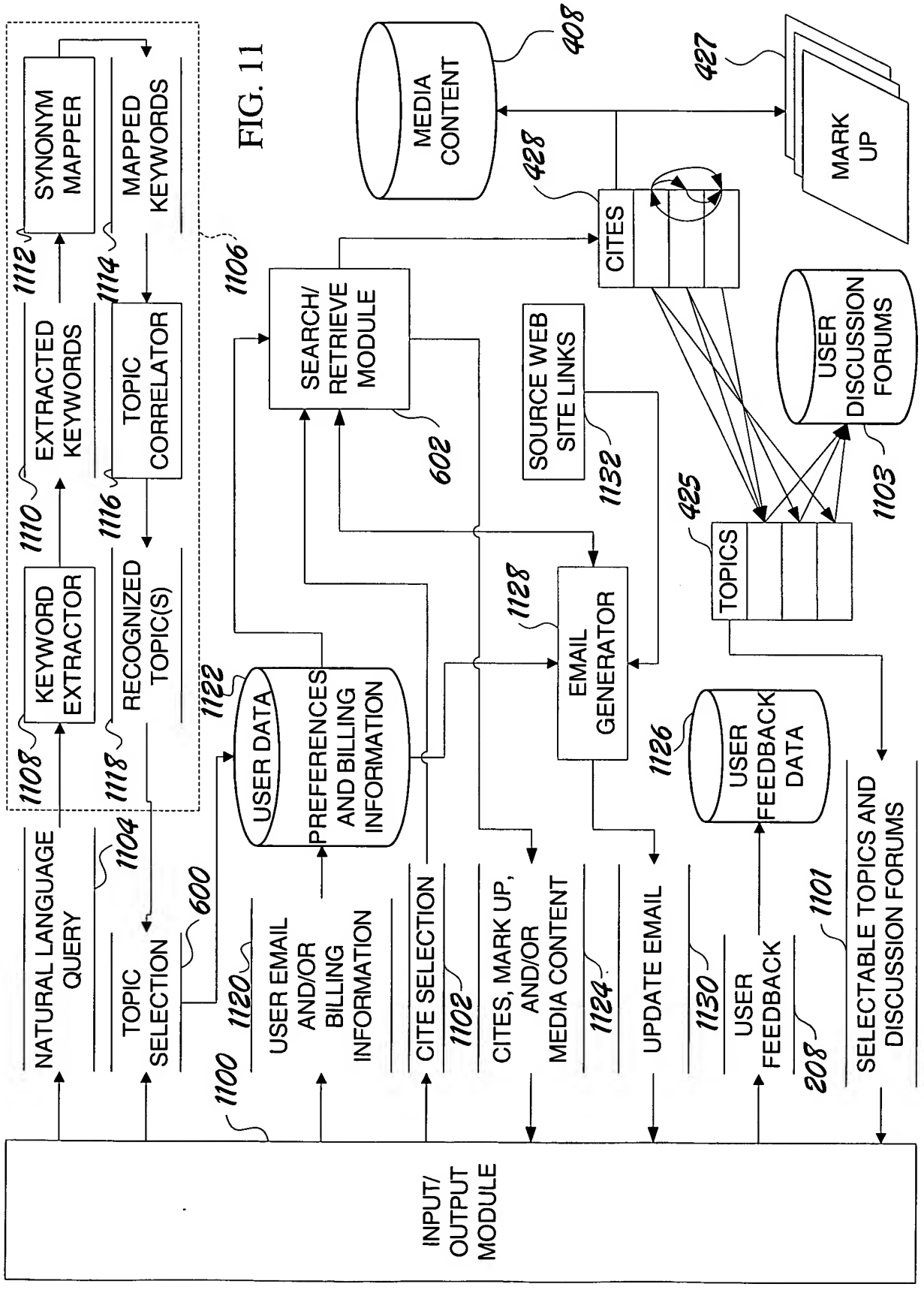

INPUT/ OUTPUT MODULE
1100
NATURAL LANGUAGE QUERY
1104
TOPIC SELECTION
600
USER EMAIL AND/OR BILLING INFORMATION
1120
CITE SELECTION
1102
CITES, MARK UP, AND/OR MEDIA CONTENT
1124
UPDATE EMAIL
1130
USER FEEDBACK
208
SELECTABLE TOPICS AND DISCUSSION FORUMS
1101
1108
KEYWORD EXTRACTOR
1118
RECOGNIZED TOPIC(S)
1110
EXTRACTED KEYWORDS
1116
TOPIC CORRELATOR
1114
MAPPED KEYWORDS
1112
SYNONYM MAPPER
1106
SEARCH/ RETRIEVE MODULE
602
1122
USER DATA
PREFERENCES AND BILLING INFORMATION
1128
EMAIL GENERATOR
1126
USER FEEDBACK DATA
1132
SOURCE WEB SITE LINKS
425
TOPICS
1103
USER DISCUSSION FORUMS
428
CITES
408
MEDIA CONTENT
427
MARK UP

FIG. 11

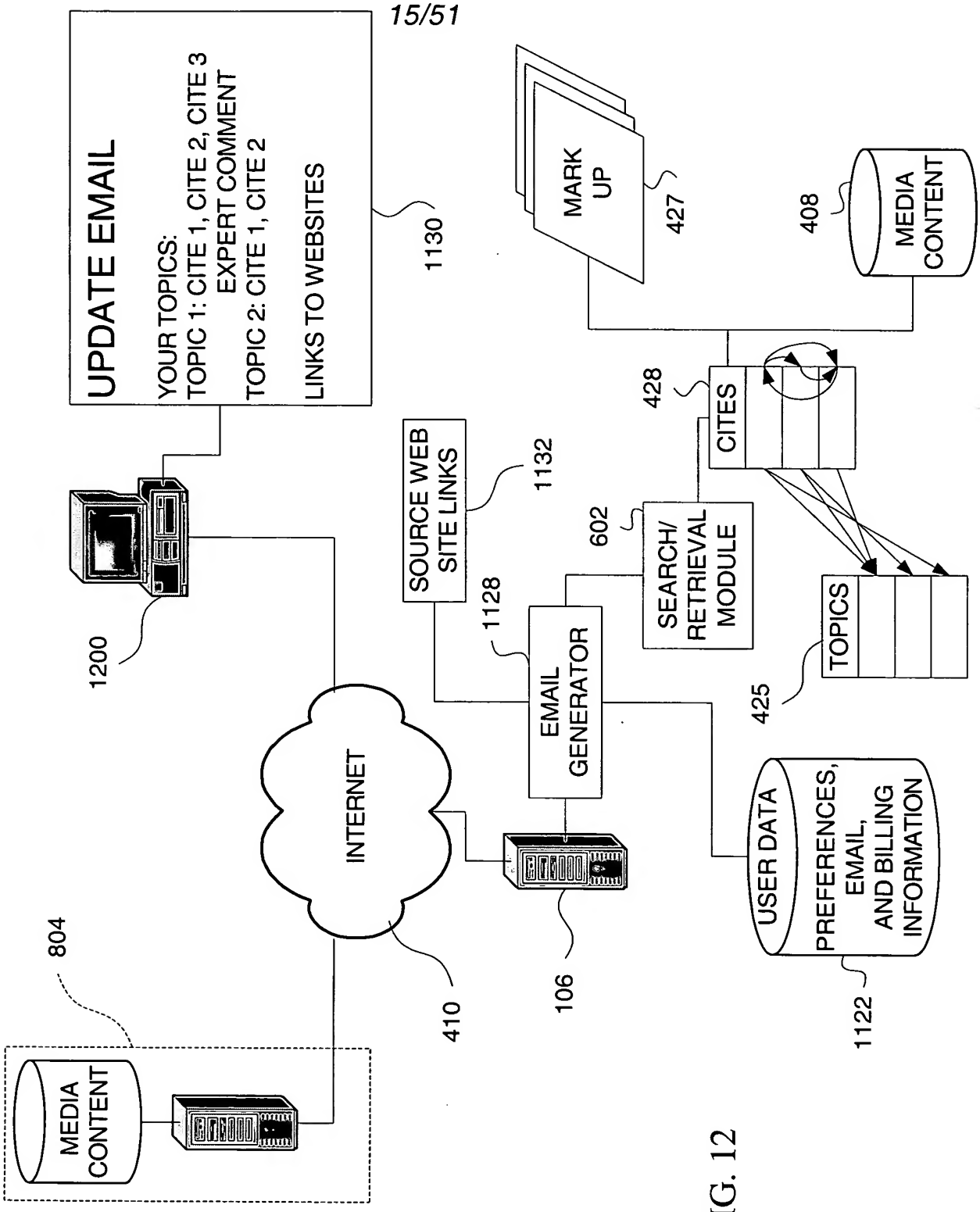

UPDATE EMAIL
YOUR TOPICS:
TOPIC 1: CITE 1, CITE 2, CITE 3
EXPERT COMMENT
TOPIC 2: CITE 1, CITE 2
LINKS TO WEBSITES
1130
MARK UP
427
408
MEDIA CONTENT
428
CITES
SOURCE WEB SITE LINKS
1132
602
SEARCH/ RETRIEVAL MODULE
1128
EMAIL GENERATOR
TOPICS
425
1200
INTERNET
USER DATA
PREFERENCES, EMAIL, AND BILLING INFORMATION
1122
106
410
804
MEDIA CONTENT

FIG. 12

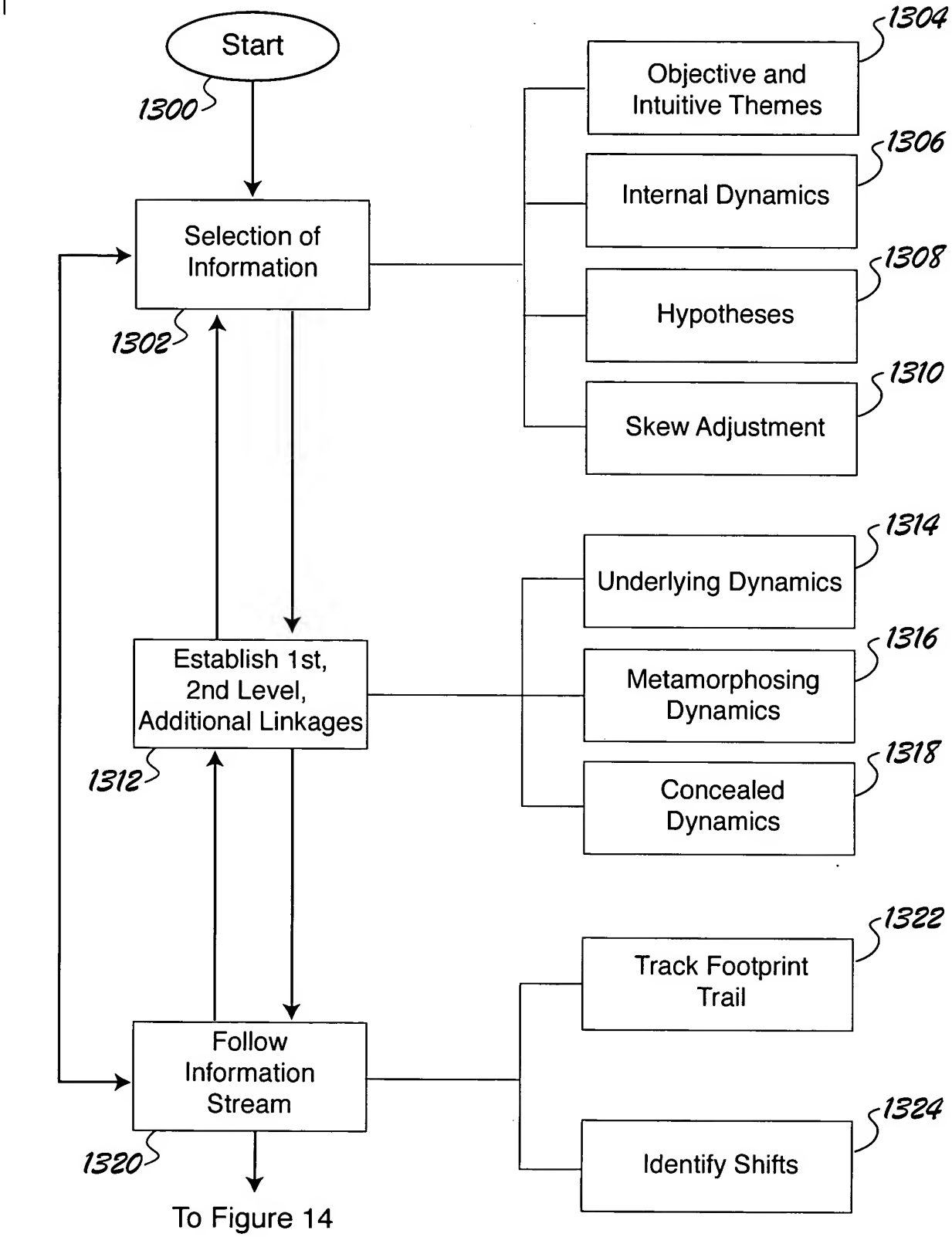

Start
1300
Selection of Information
1302
Establish 1st, 2nd Level, Additional Linkages
1312
Follow Information Stream
1320
To Figure 14
1304
Objective and Intuitive Themes
1306
Internal Dynamics
1308
Hypotheses
1310
Skew Adjustment
1314
Underlying Dynamics
1316
Metamorphosing Dynamics
1318
Concealed Dynamics
1322
Track Footprint Trail
1324
Identify Shifts

FIG. 13

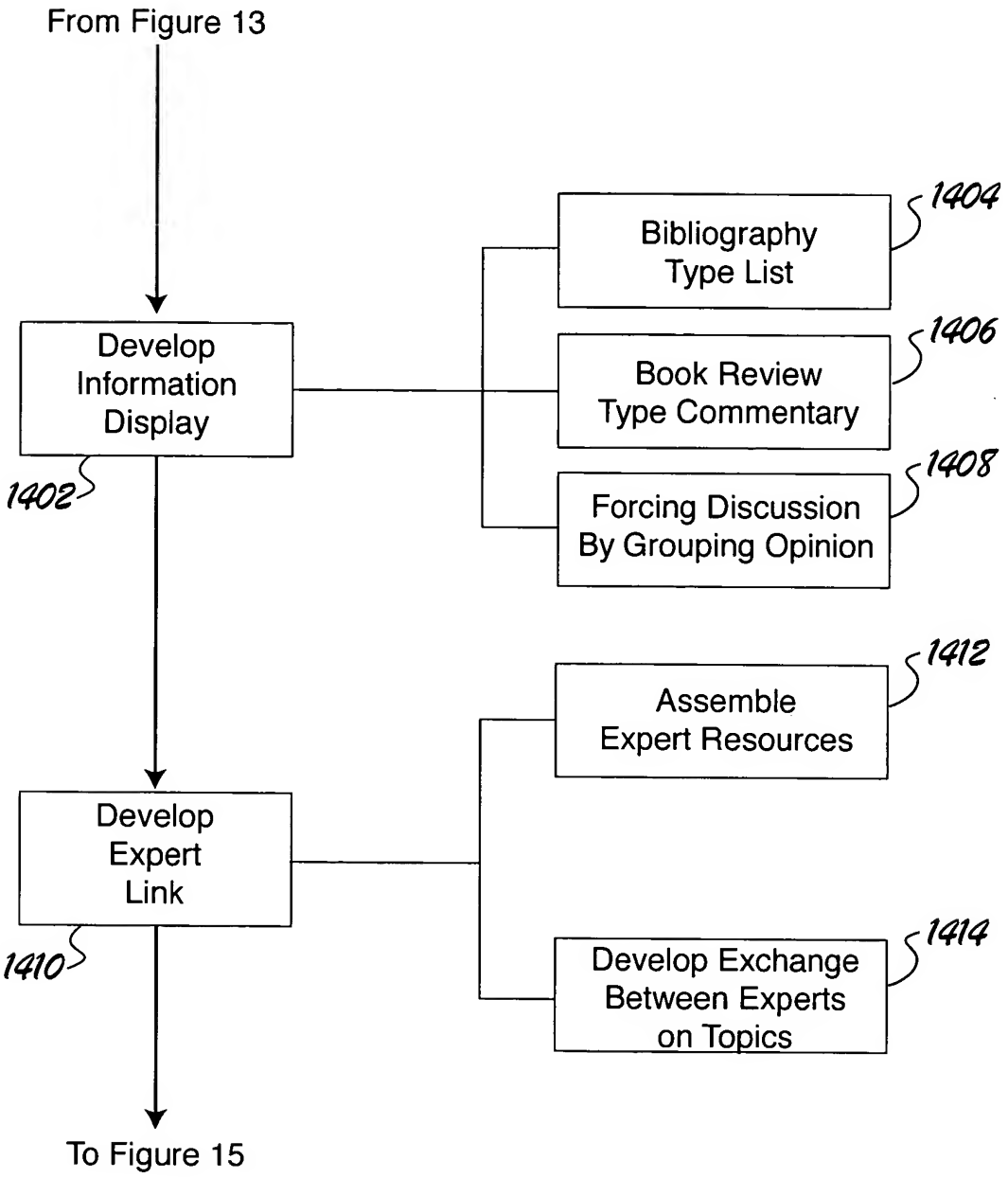

From Figure 13
Develop Information Display
1402
Bibliography Type List
1404
Book Review Type Commentary
1406
Forcing Discussion By Grouping Opinion
1408
Develop Expert Link
1410
Assemble Expert Resources
1412
Develop Exchange Between Experts on Topics
1414
To Figure 15

FIG. 14

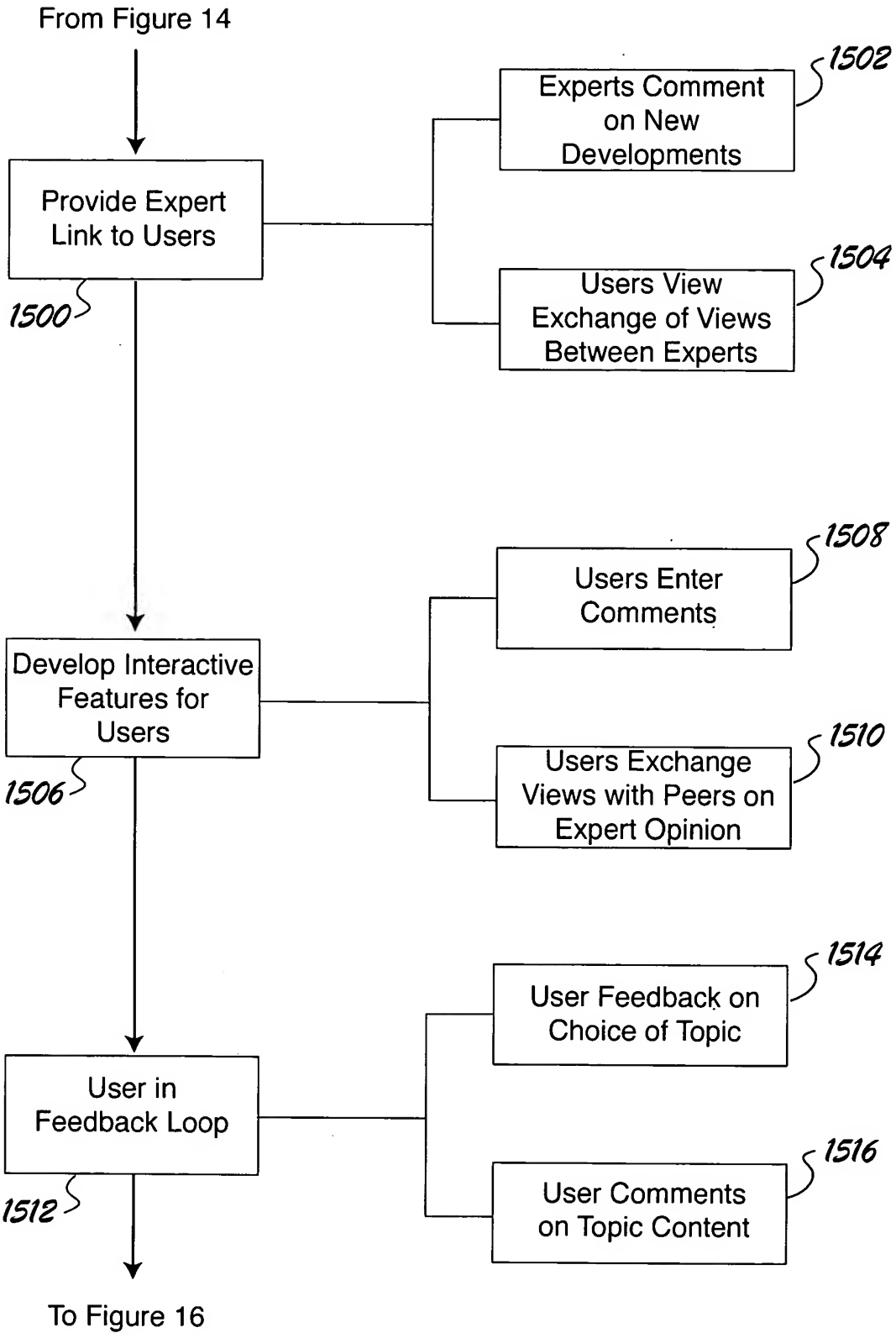

From Figure 14
Provide Expert Link to Users
1500
Experts Comment on New Developments
1502
Users View Exchange of Views Between Experts
1504
Develop Interactive Features for Users
1506
Users Enter Comments
1508
Users Exchange Views with Peers on Expert Opinion
1510
User in Feedback Loop
1512
User Feedback on Choice of Topic
1514
User Comments on Topic Content
1516
To Figure 16

FIG. 15

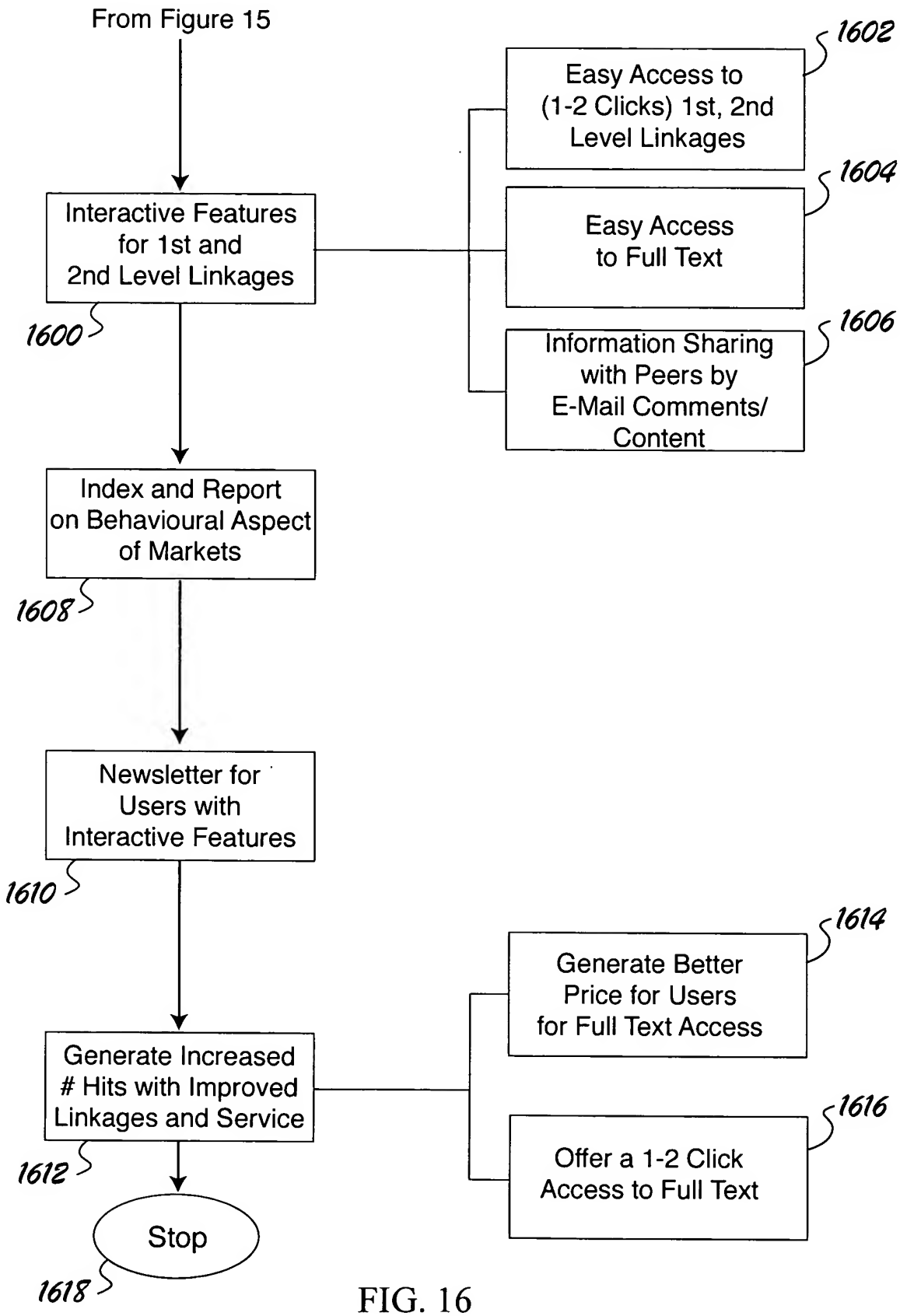

From Figure 15
Interactive Features for 1st and 2nd Level Linkages
1600
Easy Access to (1-2 Clicks) 1st, 2nd Level Linkages
1602
Easy Access to Full Text
1604
Information Sharing with Peers by E-Mail Comments/ Content
1606
Index and Report on Behavioural Aspect of Markets
1608
Newsletter for Users with Interactive Features
1610
Generate Increased # Hits with Improved Linkages and Service
1612
Generate Better Price for Users for Full Text Access
1614
Offer a 1-2 Click Access to Full Text
1616
Stop
1618

FIG. 16

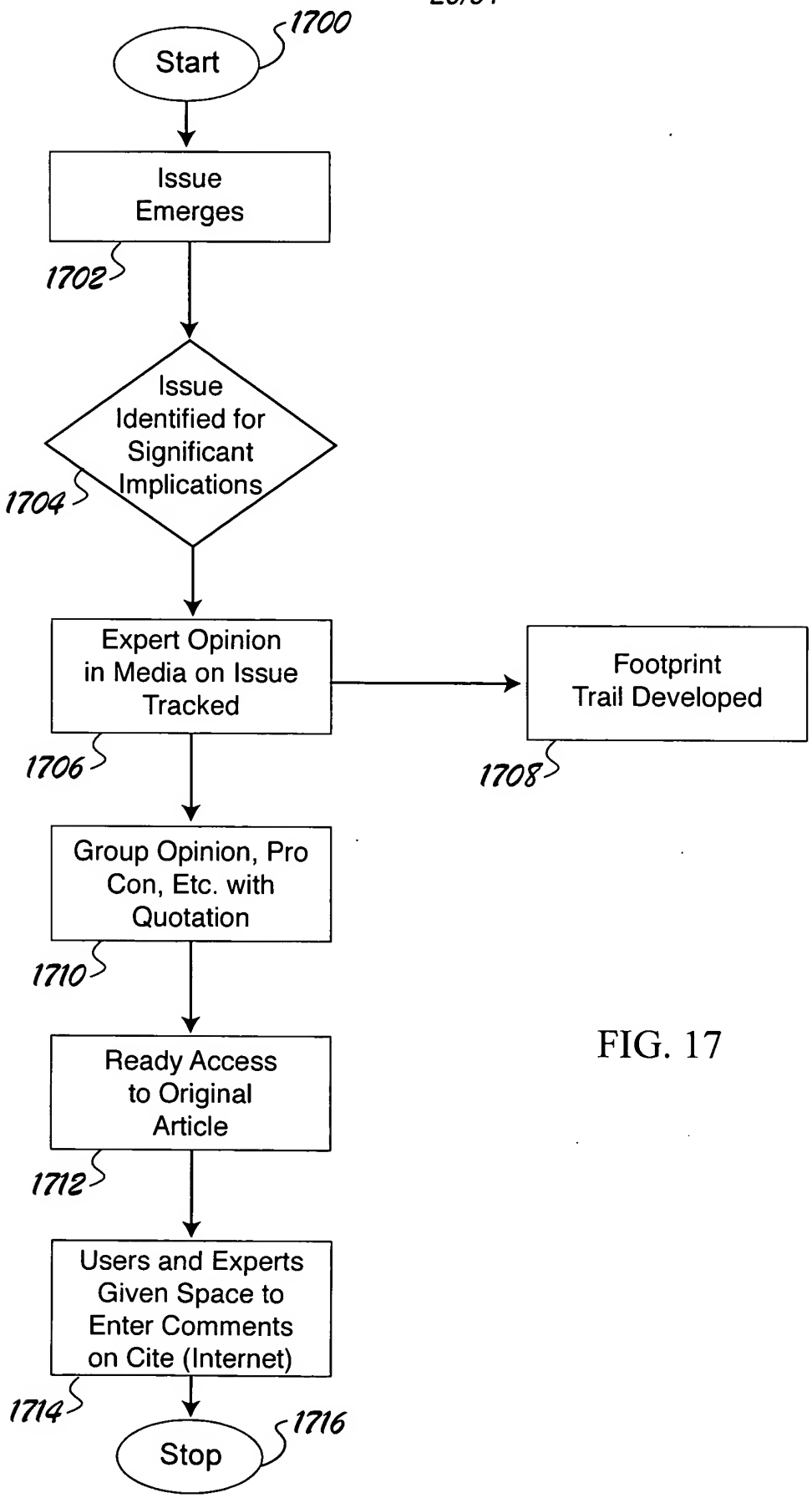

1700
Start
Issue Emerges
1702
Issue Identified for Significant Implications
1704
Expert Opinion in Media on Issue Tracked
1706
Footprint Trail Developed
1708
Group Opinion, Pro Con, Etc. with Quotation
1710
Ready Access to Original Article
1712
Users and Experts Given Space to Enter Comments on Cite (Internet)
1714
Stop
1716

FIG. 17

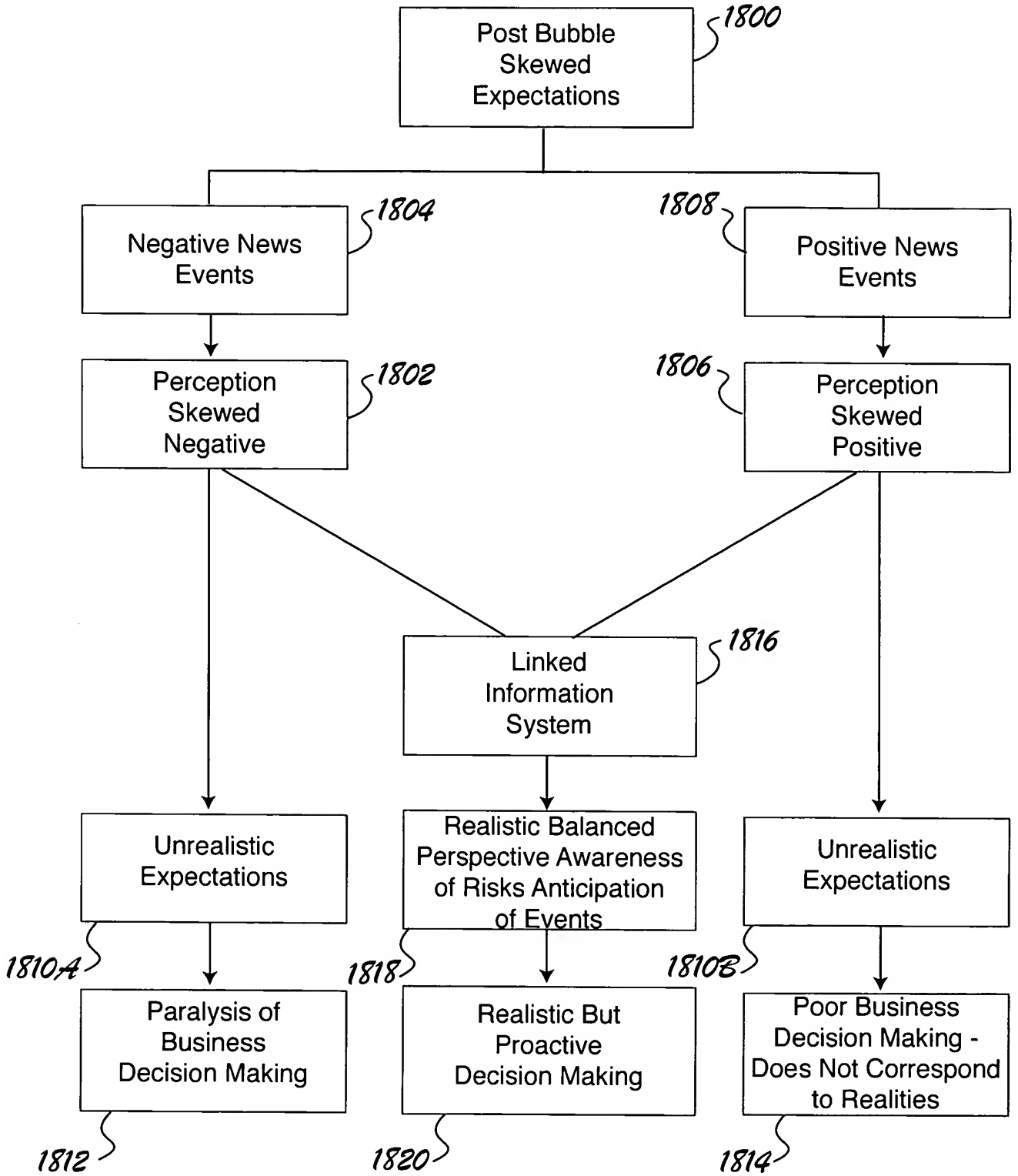

Post Bubble Skewed Expectations
1800
Negative News Events
1804
Positive News Events
1808
Perception Skewed Negative
1802
Perception Skewed Positive
1806
Linked Information System
1816
Unrealistic Expectations
Realistic Balanced Perspective Awareness of Risks Anticipation of Events
Unrealistic Expectations
1810A
1818
1810B
Paralysis of Business Decision Making
Realistic But Proactive Decision Making
Poor Business Decision Making - Does Not Correspond to Realities
1812
1820
1814

FIG. 18A

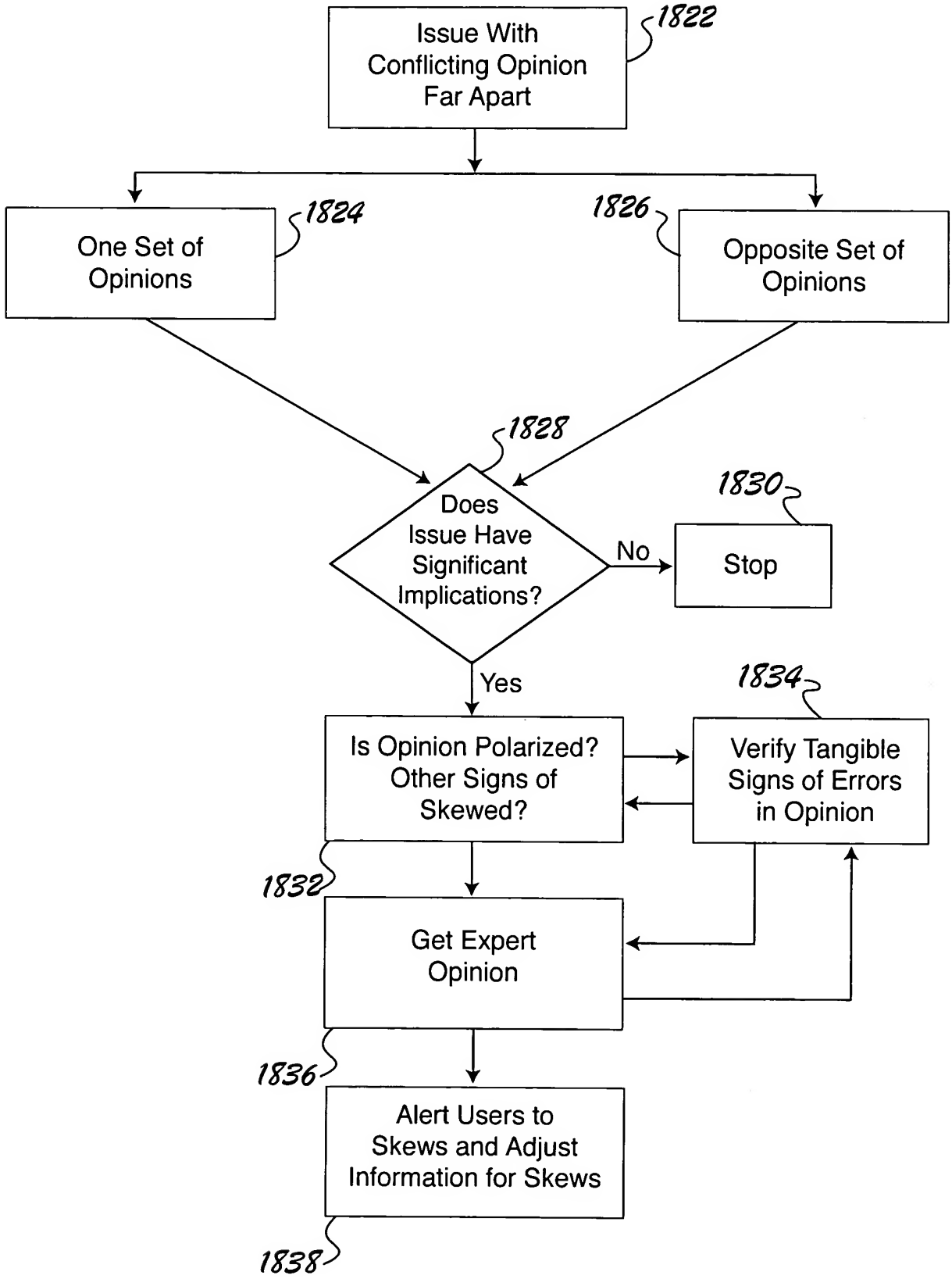

Issue With Conflicting Opinion Far Apart
1822
One Set of Opinions
1824
Opposite Set of Opinions
1826
1828
Does Issue Have Significant Implications?
No
1830
Stop
Yes
Is Opinion Polarized? Other Signs of Skewed?
Verify Tangible Signs of Errors in Opinion
1834
1832
Get Expert Opinion
1836
Alert Users to Skews and Adjust Information for Skews
1838

FIG. 18B

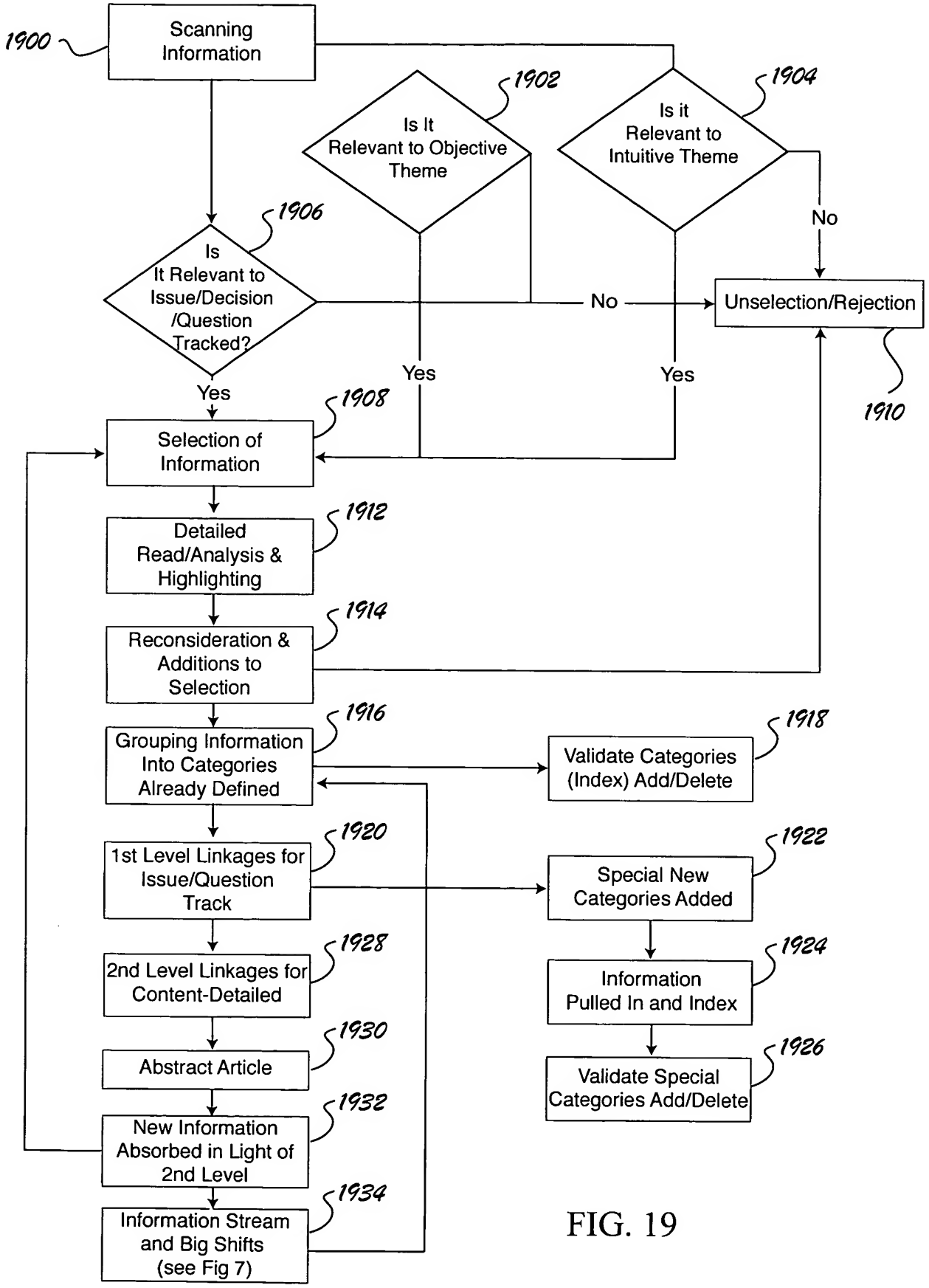

1900
Scanning Information
1902
Is It Relevant to Objective Theme
1904
Is it Relevant to Intuitive Theme
No
1906
Is It Relevant to Issue/Decision /Question Tracked?
No
Unselection/Rejection
1910
Yes
Yes
Yes
1908
Selection of Information
1912
Detailed Read/Analysis & Highlighting
1914
Reconsideration & Additions to Selection
1916
Grouping Information Into Categories Already Defined
1918
Validate Categories (Index) Add/Delete
1920
1st Level Linkages for Issue/Question Track
1922
Special New Categories Added
1928
2nd Level Linkages for Content-Detailed
1924
Information Pulled In and Index
1930
Abstract Article
1926
Validate Special Categories Add/Delete
1932
New Information Absorbed in Light of 2nd Level
1934
Information Stream and Big Shifts (see Fig 7)

FIG. 19

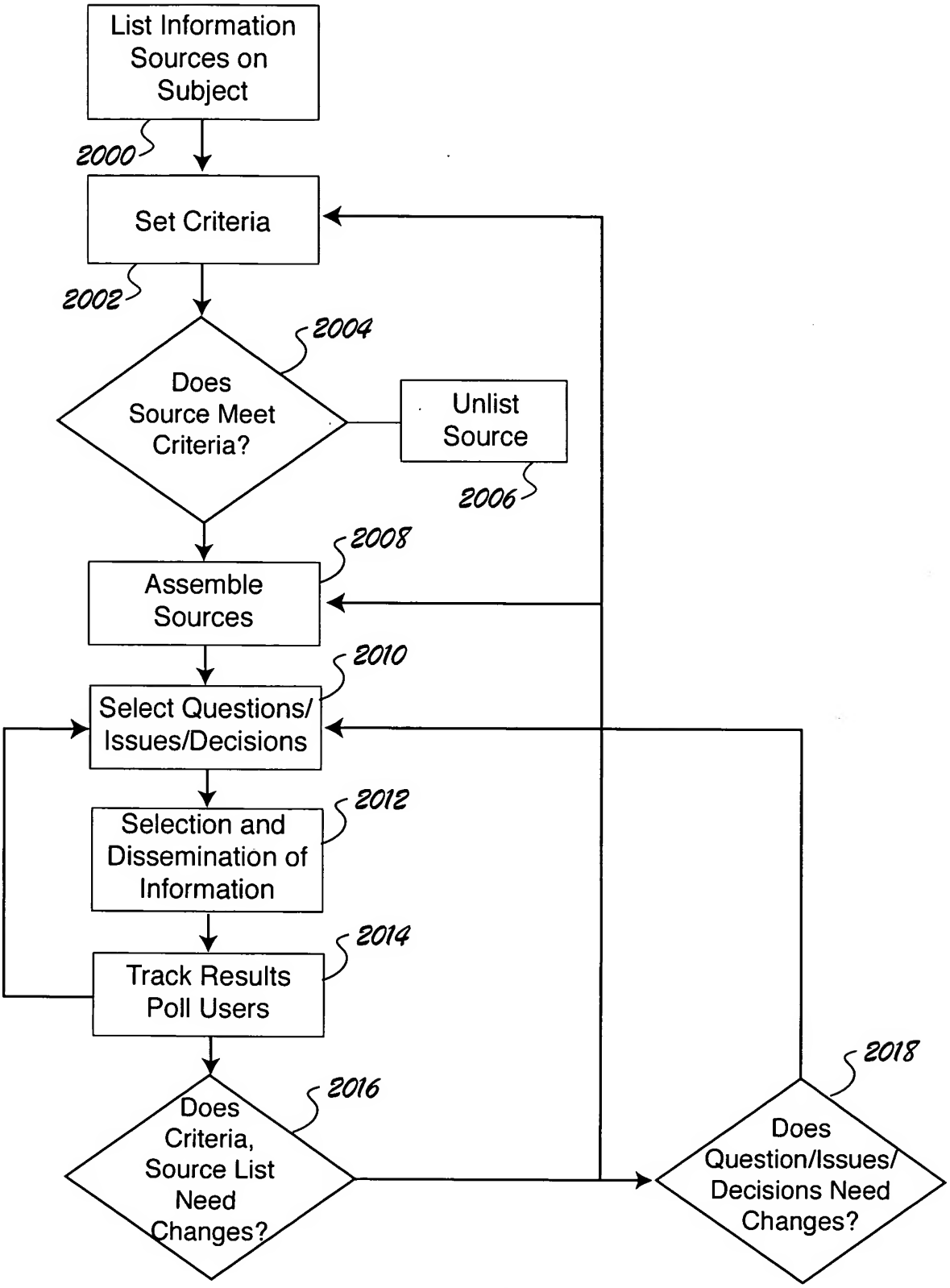

List Information Sources on Subject
2000
Set Criteria
2002
2004
Does Source Meet Criteria?
Unlist Source
2006
2008
Assemble Sources
2010
Select Questions/ Issues/Decisions
2012
Selection and Dissemination of Information
2014
Track Results Poll Users
2016
Does Criteria, Source List Need Changes?
2018
Does Question/Issues/ Decisions Need Changes?

FIG. 20

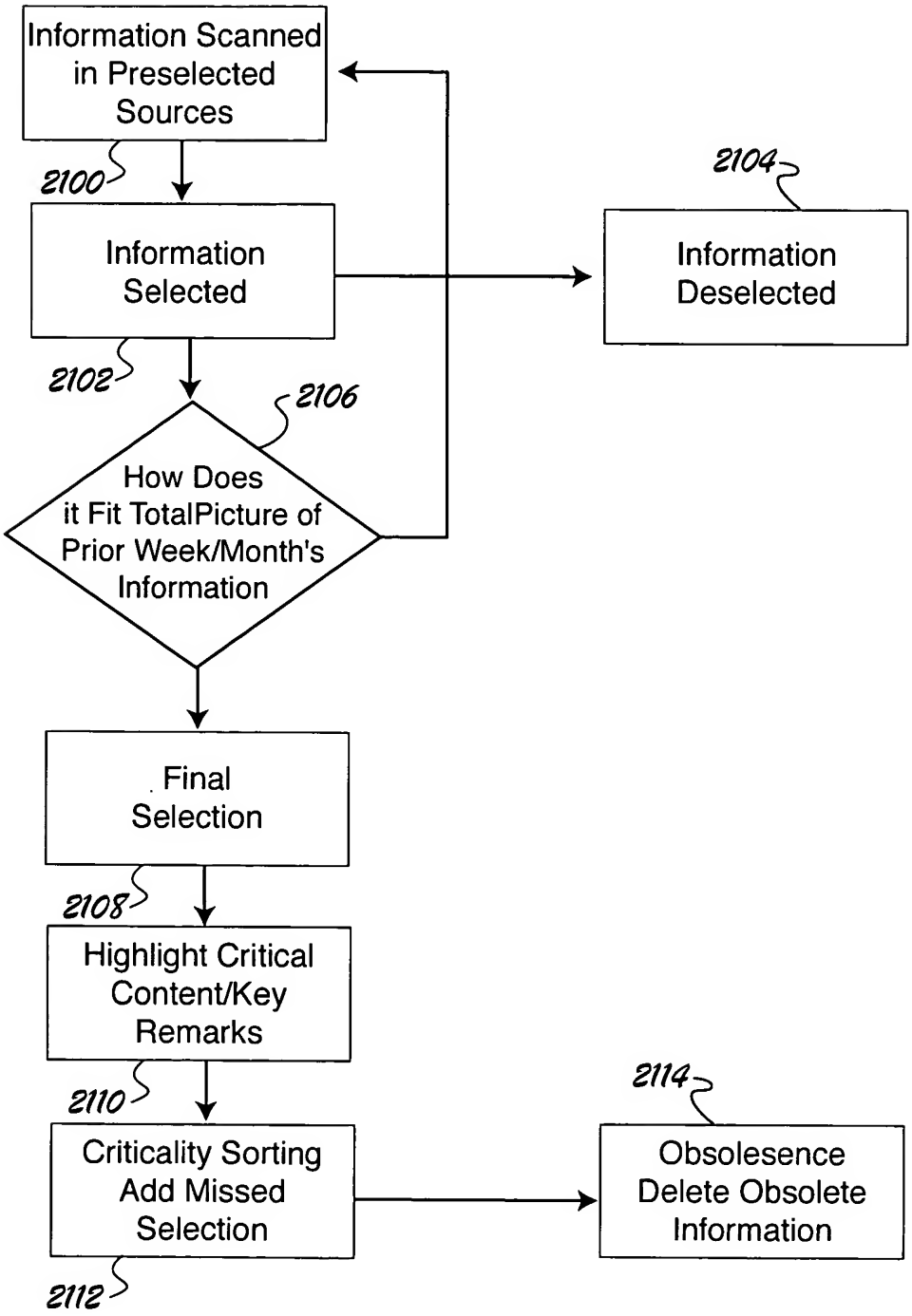

Information Scanned in Preselected Sources
2100
Information Selected
2102
2104
Information Deselected
2106
How Does it Fit TotalPicture of Prior Week/Month's Information
Final Selection
2108
Highlight Critical Content/Key Remarks
2110
Criticality Sorting Add Missed Selection
2112
2114
Obsolesence Delete Obsolete Information

FIG. 21

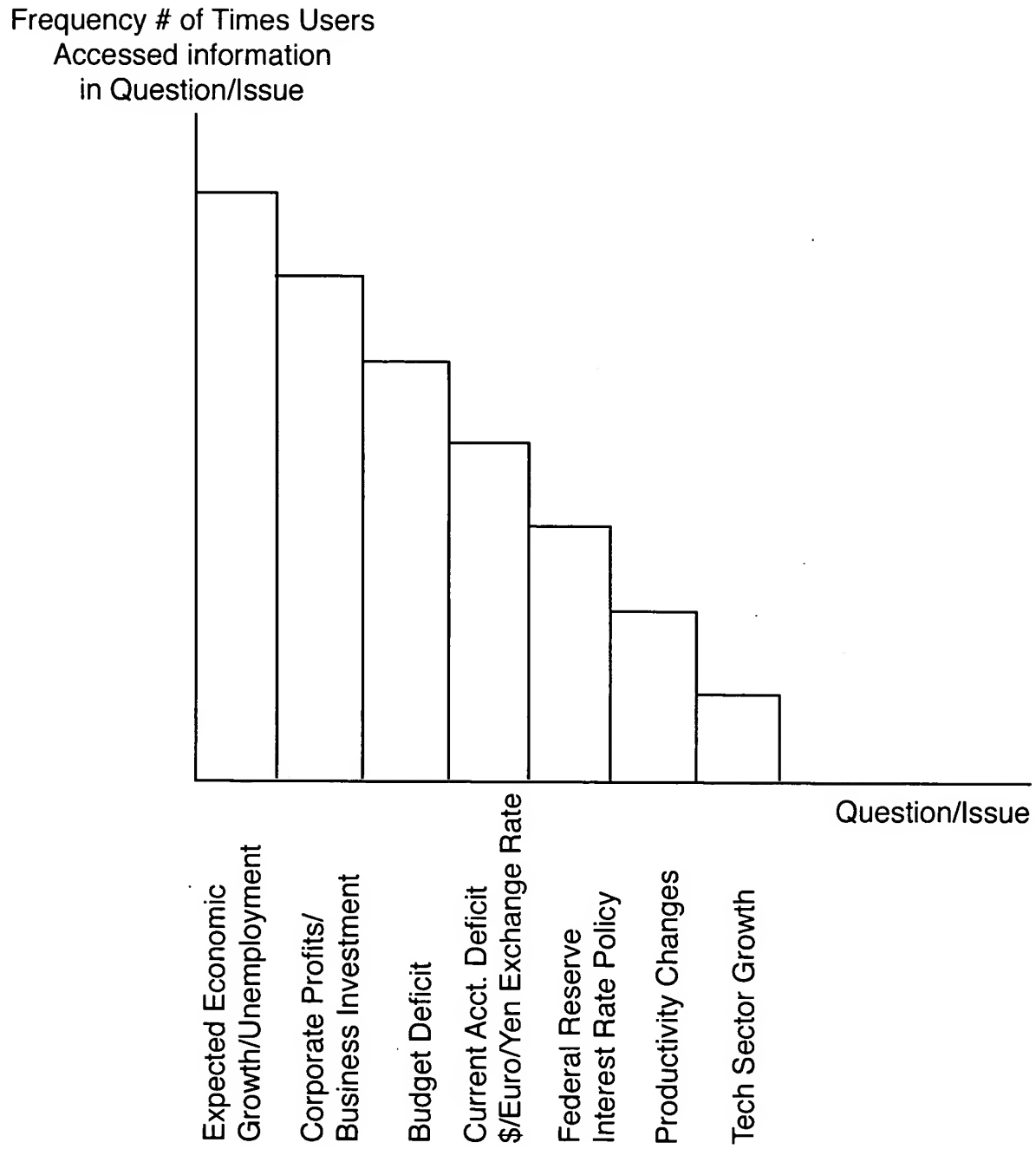

Frequency # of Times Users Accessed information in Question/Issue
Question/Issue
Expected Economic Growth/Unemployment
Corporate Profits/ Business Investment
Budget Deficit
Current Acct. Deficit $/Euro/Yen Exchange Rate
Federal Reserve Interest Rate Policy
Productivity Changes
Tech Sector Growth

FIG. 22

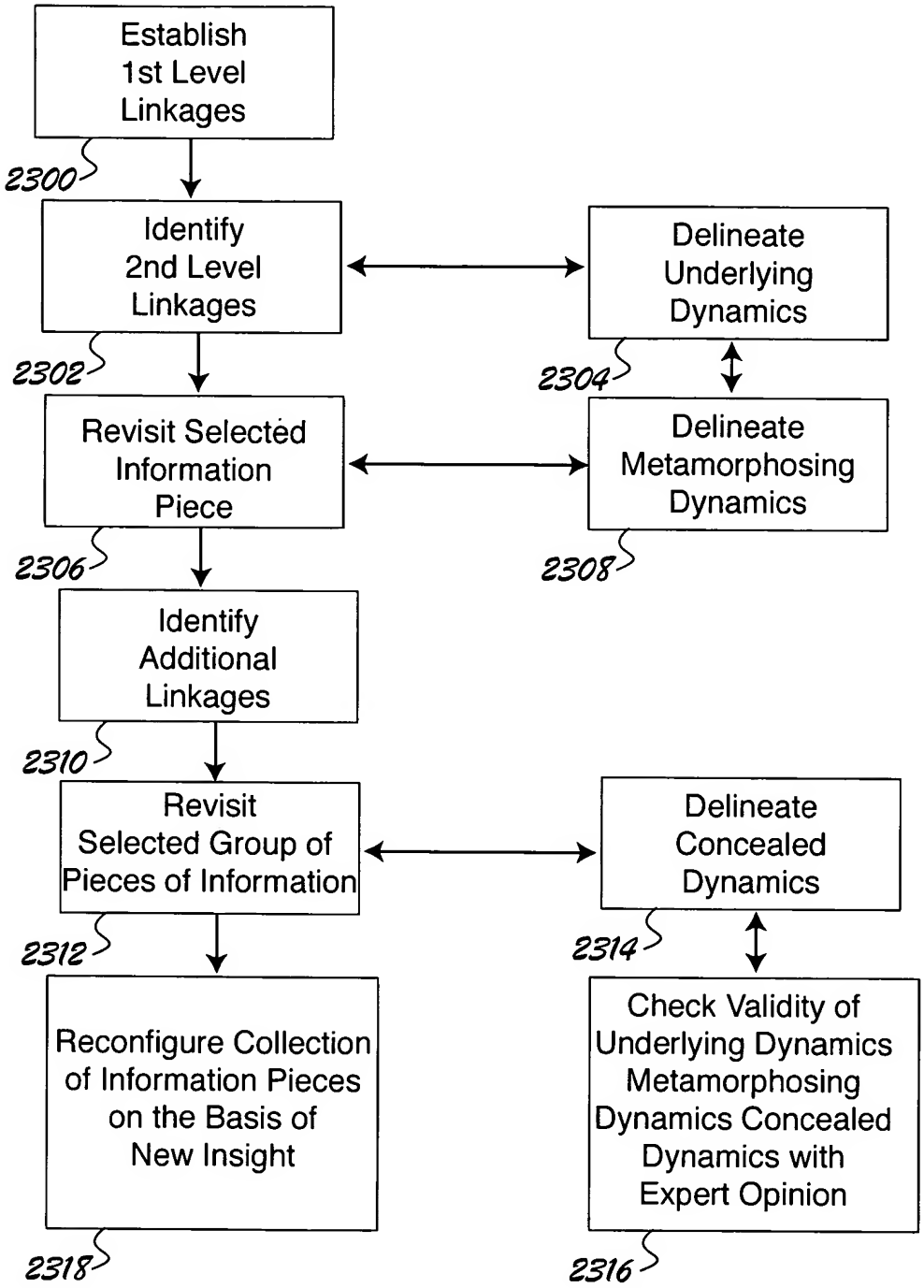

Establish 1st Level Linkages
2300
Identify 2nd Level Linkages
2302
Delineate Underlying Dynamics
2304
Revisit Selected Information Piece
2306
Delineate Metamorphosing Dynamics
2308
Identify Additional Linkages
2310
Revisit Selected Group of Pieces of Information
2312
Delineate Concealed Dynamics
2314
Reconfigure Collection of Information Pieces on the Basis of New Insight
2318
Check Validity of Underlying Dynamics Metamorphosing Dynamics Concealed Dynamics with Expert Opinion
2316

FIG. 23

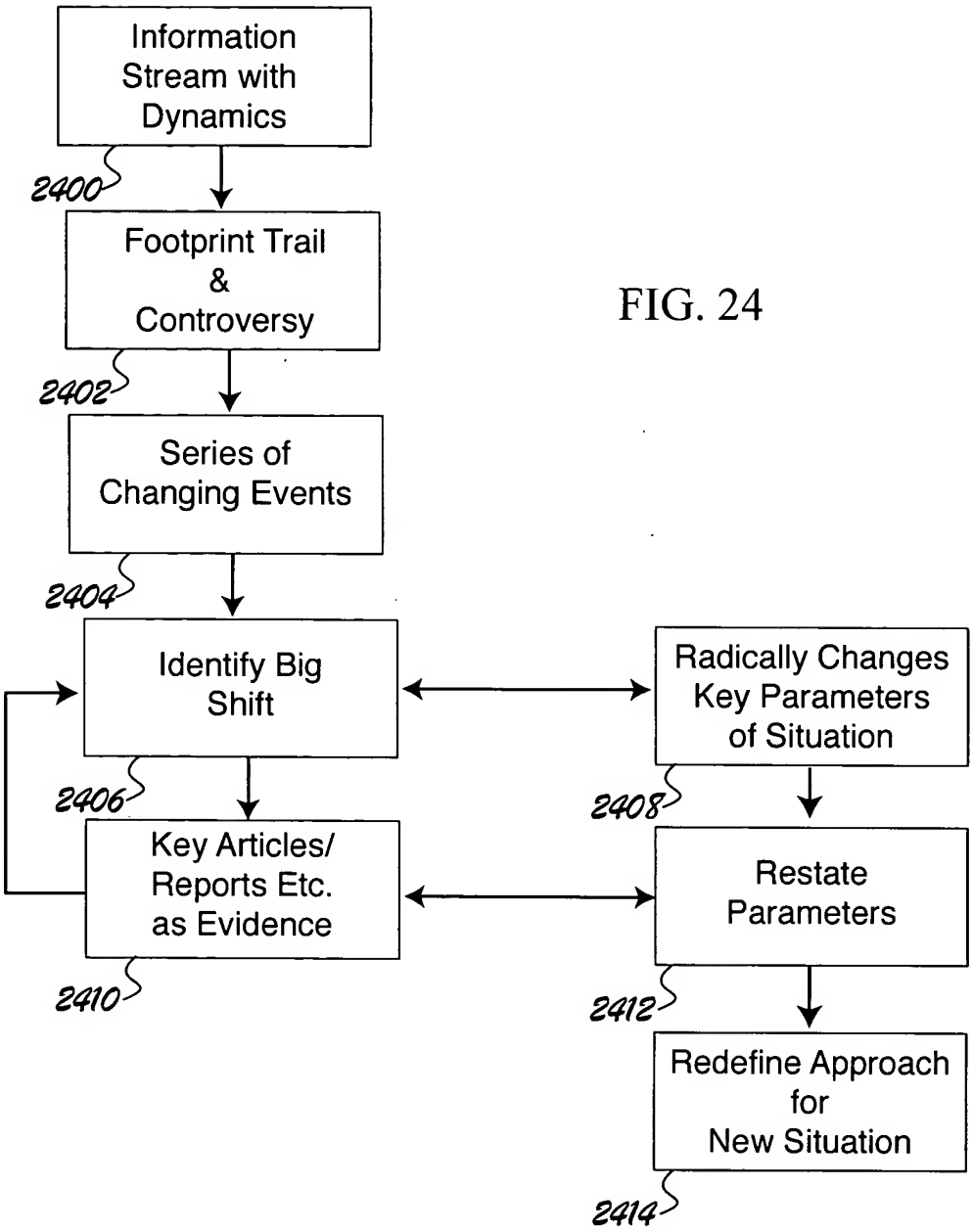

Information Stream with Dynamics
2400
Footprint Trail & Controversy
2402
Series of Changing Events
2404
Identify Big Shift
2406
Key Articles/ Reports Etc. as Evidence
2410
Radically Changes Key Parameters of Situation
2408
Restate Parameters
2412
Redefine Approach for New Situation
2414

FIG. 24

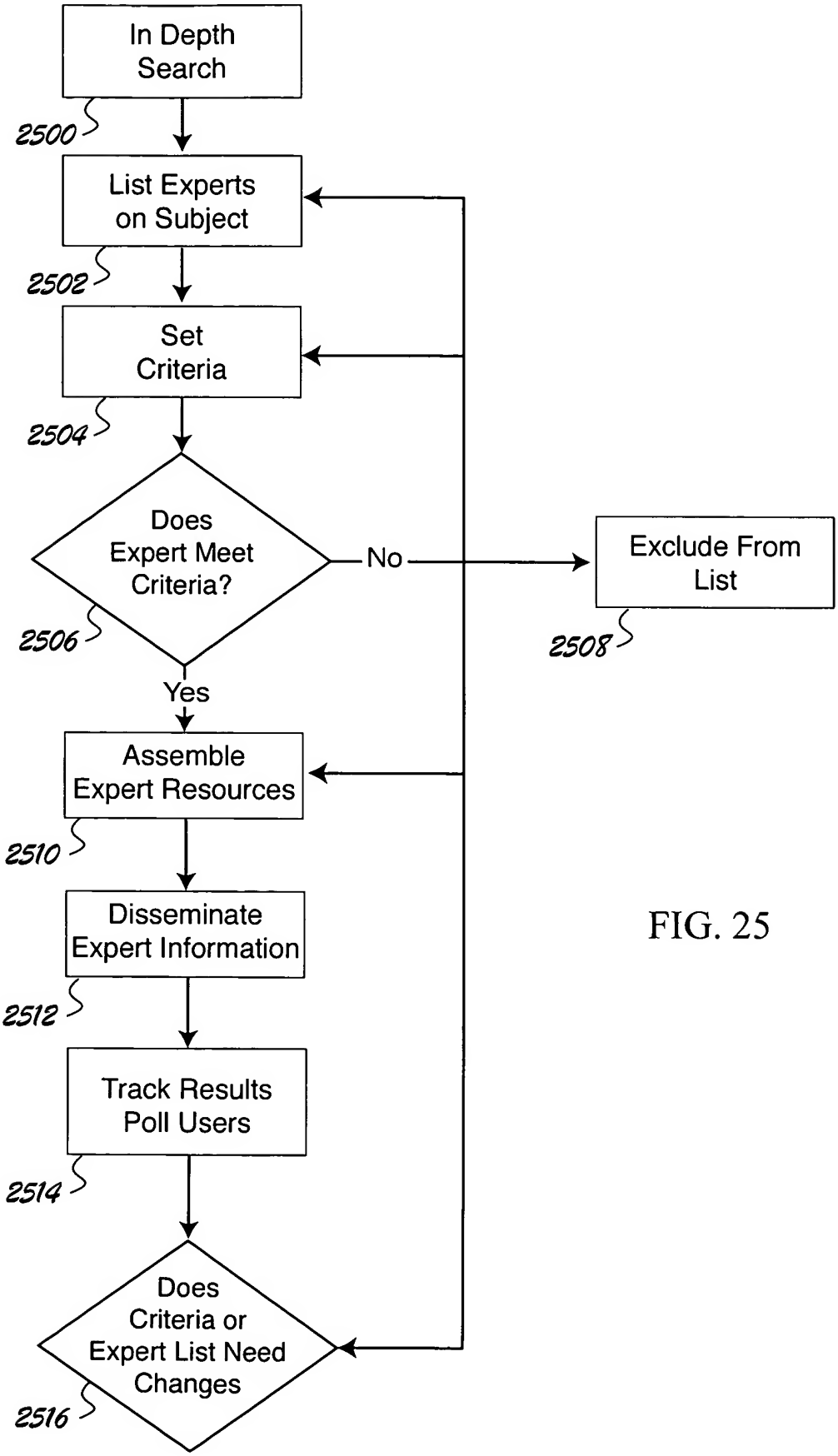

In Depth Search
2500
List Experts on Subject
2502
Set Criteria
2504
Does Expert Meet Criteria?
2506
No
Exclude From List
2508
Yes
Assemble Expert Resources
2510
Disseminate Expert Information
2512
Track Results Poll Users
2514
Does Criteria or Expert List Need Changes
2516

FIG. 25

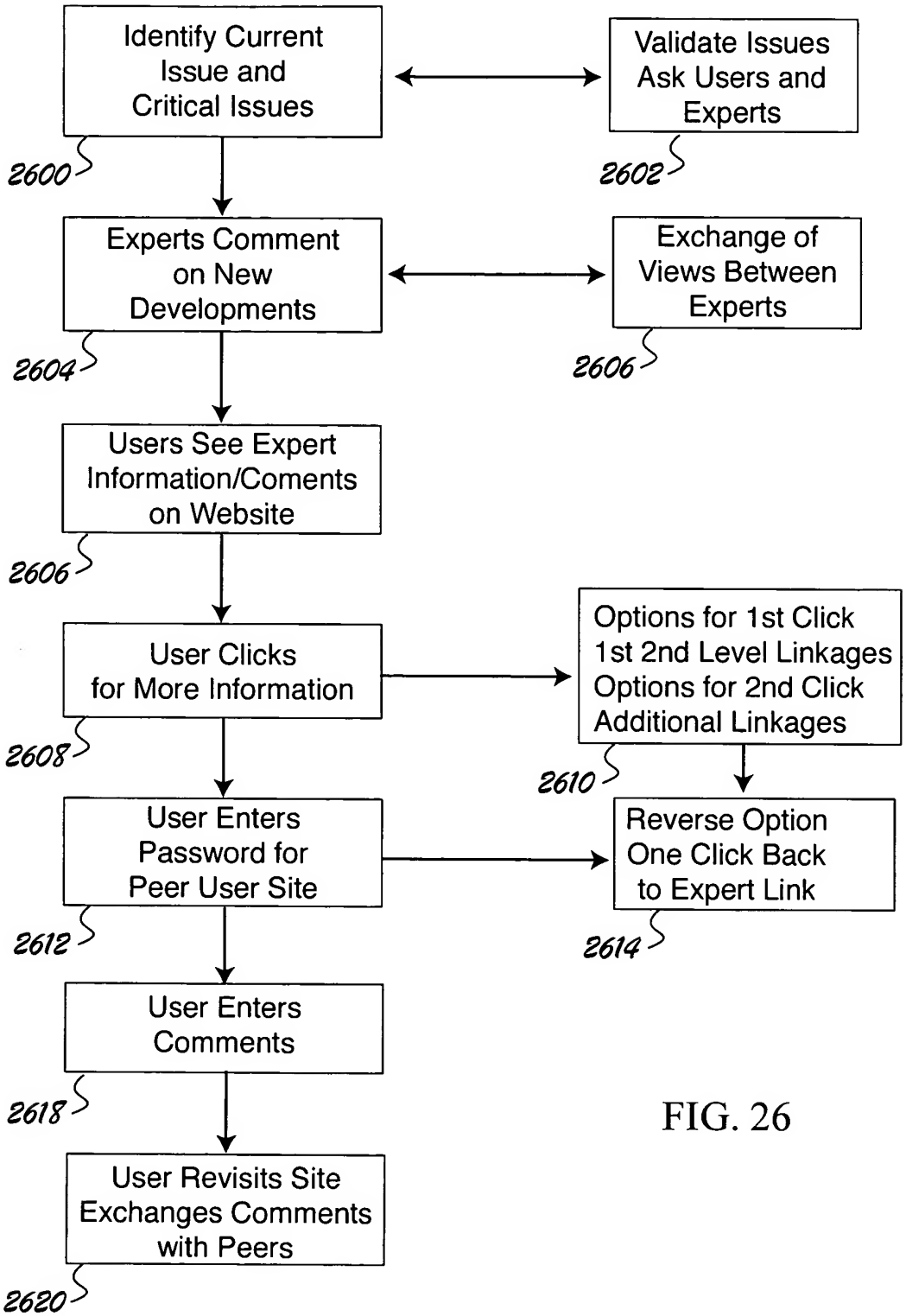

Identify Current Issue and Critical Issues
2600
Validate Issues Ask Users and Experts
2602
Experts Comment on New Developments
2604
Exchange of Views Between Experts
2606
Users See Expert Information/Coments on Website
2606
User Clicks for More Information
2608
Options for 1st Click 1st 2nd Level Linkages Options for 2nd Click Additional Linkages
2610
User Enters Password for Peer User Site
2612
Reverse Option One Click Back to Expert Link
2614
User Enters Comments
2618
User Revisits Site Exchanges Comments with Peers
2620

FIG. 26

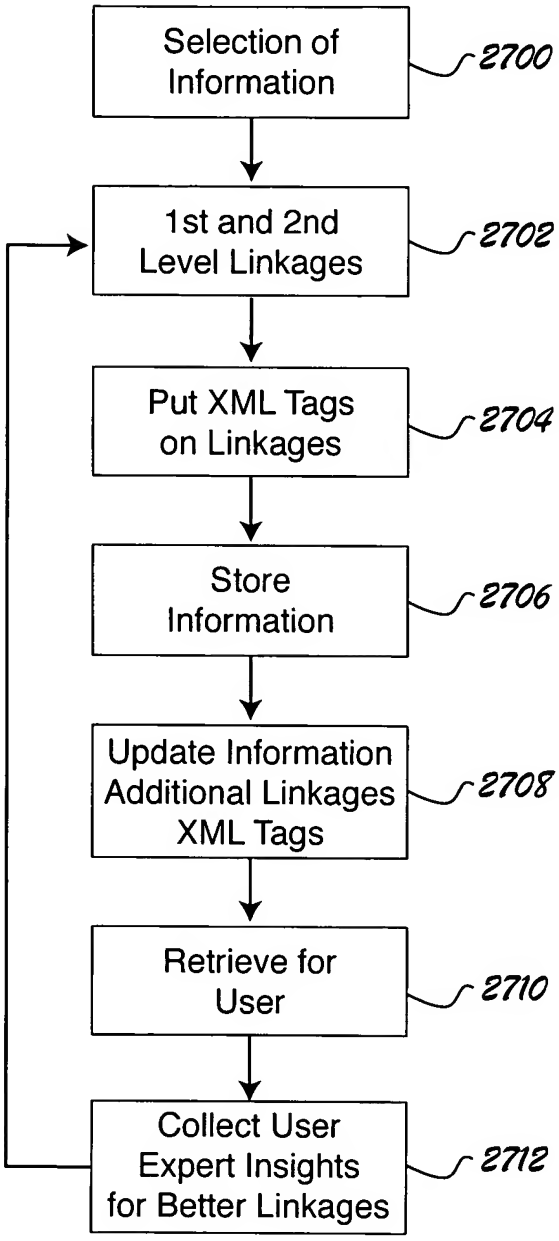

Selection of Information
2700
1st and 2nd Level Linkages
2702
Put XML Tags on Linkages
2704
Store Information
2706
Update Information Additional Linkages XML Tags
2708
Retrieve for User
2710
Collect User Expert Insights for Better Linkages
2712

FIG. 27

Prior Art

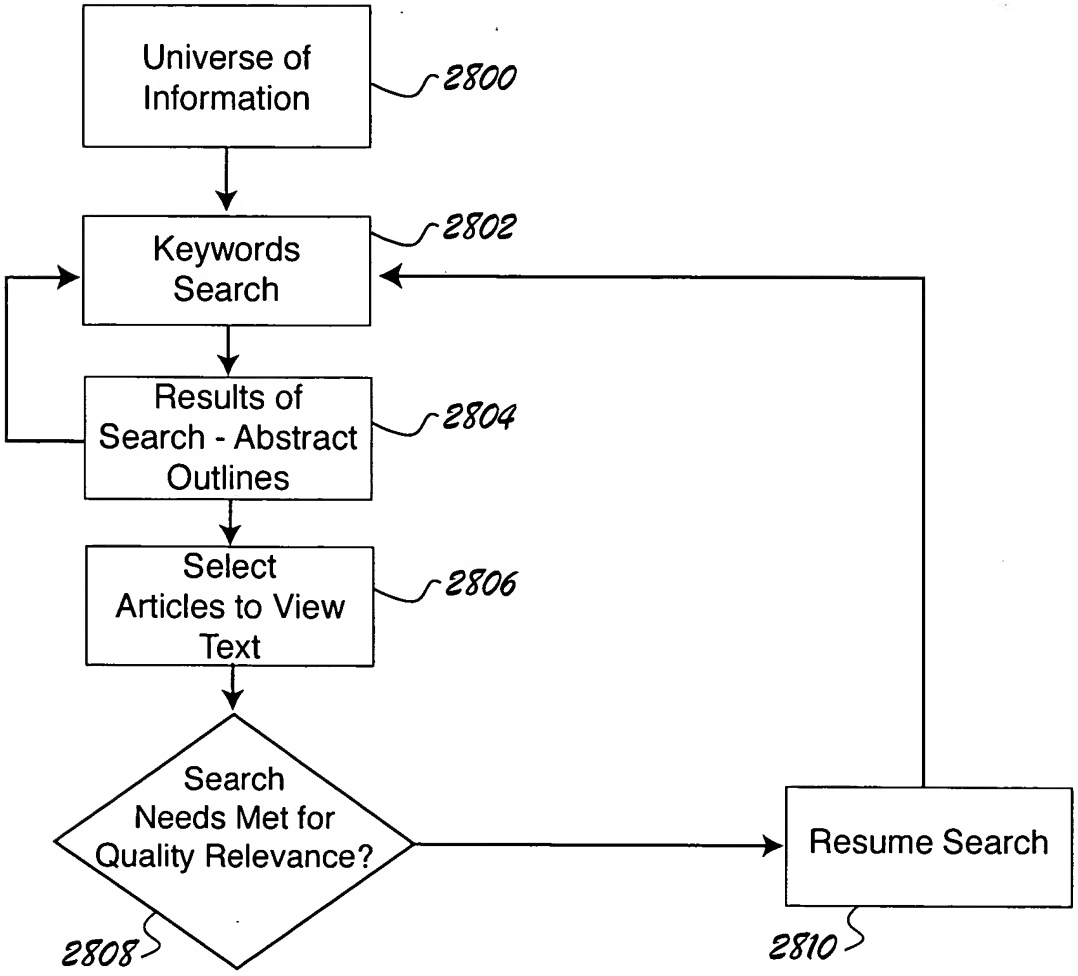


FIG. 28

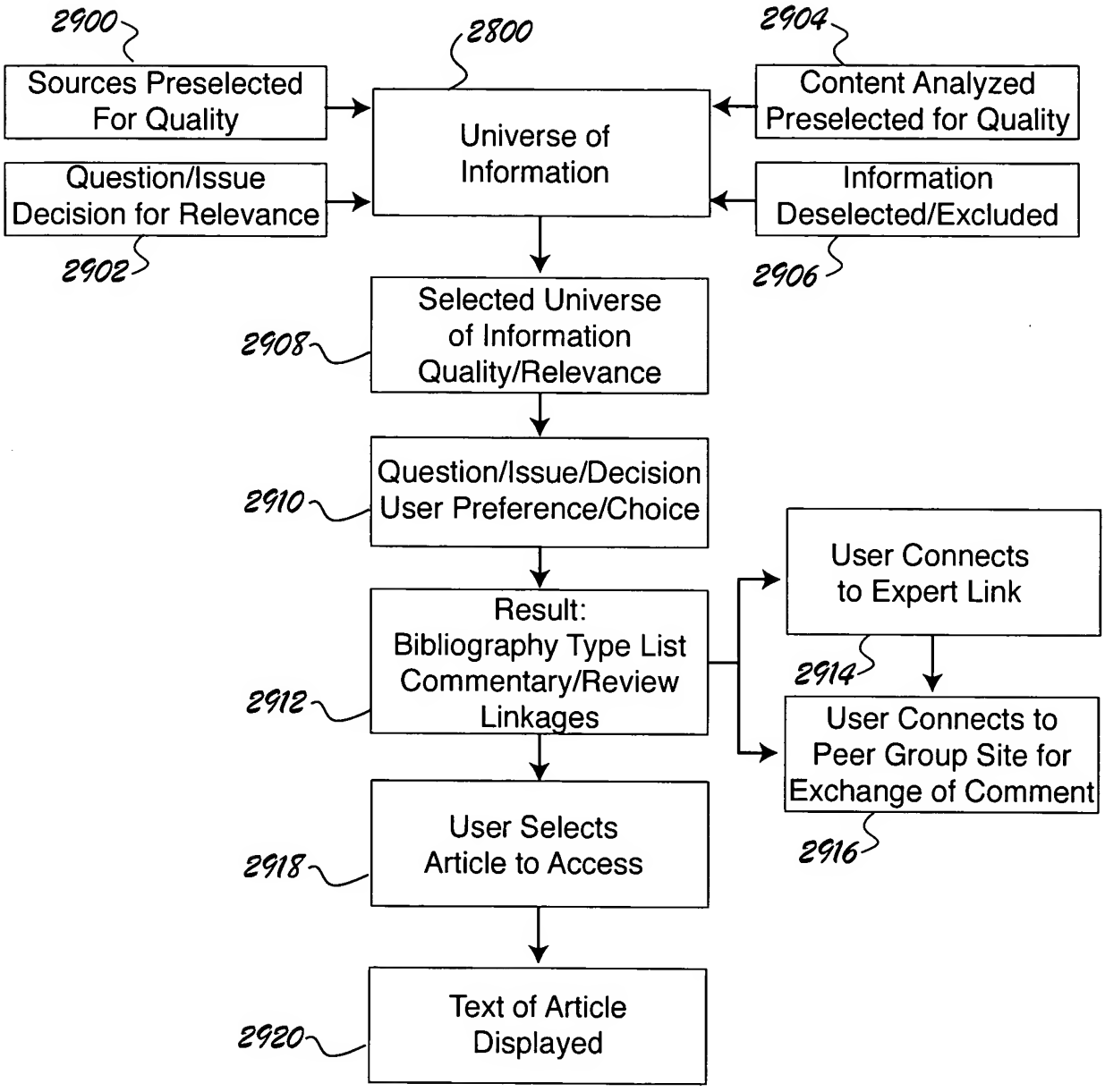

2900
Sources Preselected For Quality
2800
Universe of Information
2904
Content Analyzed Preselected for Quality
Question/Issue Decision for Relevance
2902
Information Deselected/Excluded
2906
2908
Selected Universe of Information Quality/Relevance
2910
Question/Issue/Decision User Preference/Choice
2912
Result: Bibliography Type List Commentary/Review Linkages
User Connects to Expert Link
2914
User Connects to Peer Group Site for Exchange of Comment
2916
2918
User Selects Article to Access
2920
Text of Article Displayed

FIG. 29

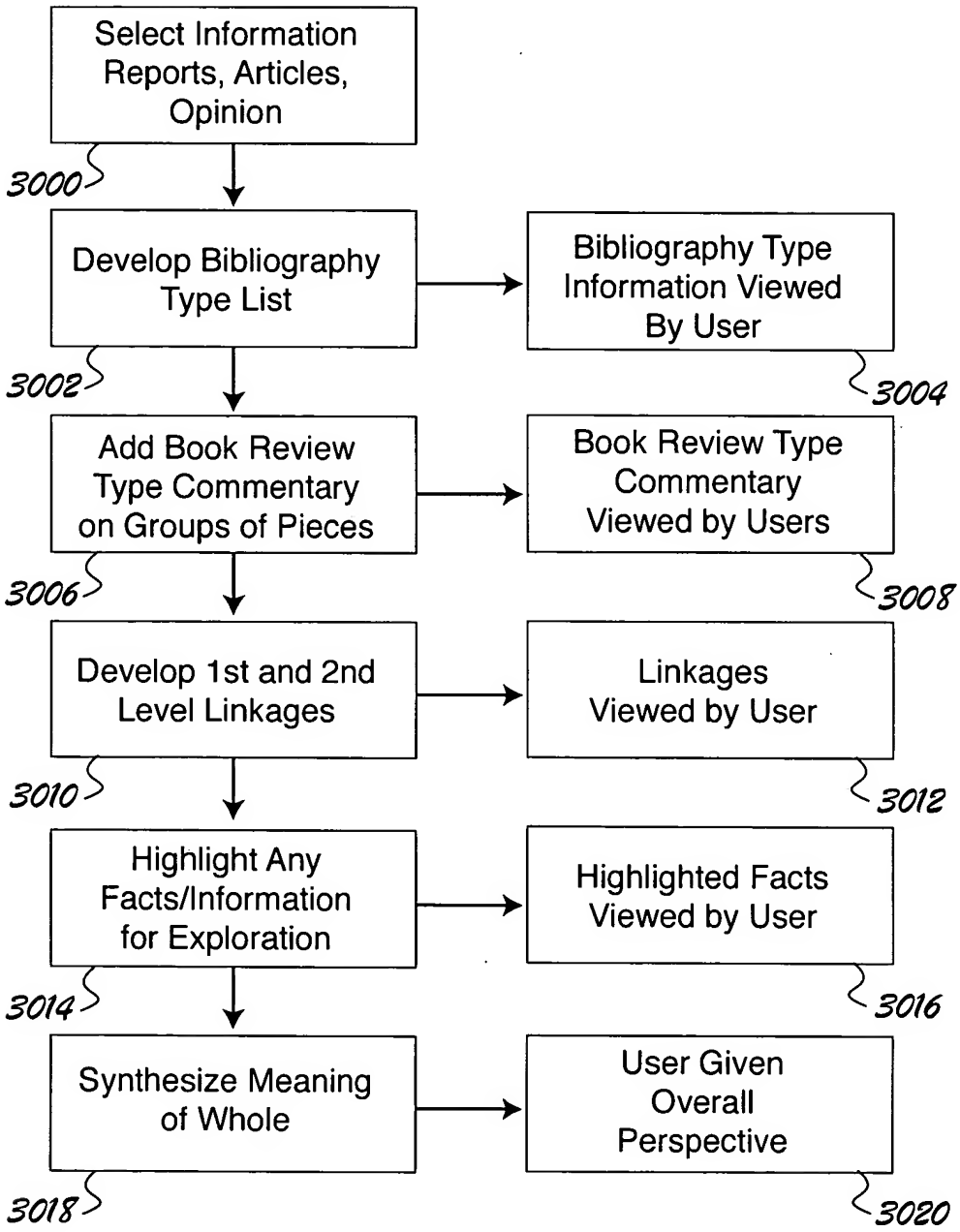

Select Information Reports, Articles, Opinion
3000
Develop Bibliography Type List
Bibliography Type Information Viewed By User
3002
3004
Add Book Review Type Commentary on Groups of Pieces
Book Review Type Commentary Viewed by Users
3006
3008
Develop 1st and 2nd Level Linkages
Linkages Viewed by User
3010
3012
Highlight Any Facts/Information for Exploration
Highlighted Facts Viewed by User
3014
3016
Synthesize Meaning of Whole
User Given Overall Perspective
3018
3020

FIG. 30

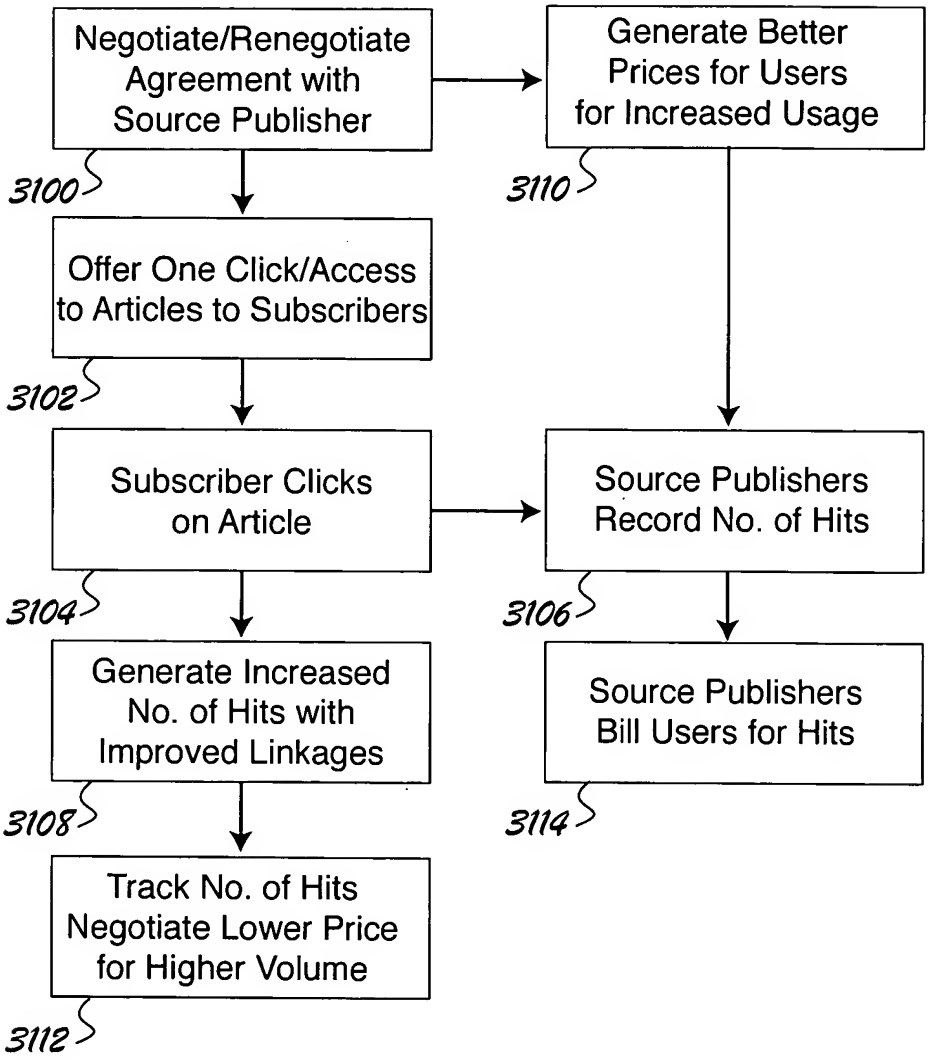

Negotiate/Renegotiate Agreement with Source Publisher
3100
Offer One Click/Access to Articles to Subscribers
3102
Subscriber Clicks on Article
3104
Generate Increased No. of Hits with Improved Linkages
3108
Track No. of Hits Negotiate Lower Price for Higher Volume
3112
Generate Better Prices for Users for Increased Usage
3110
Source Publishers Record No. of Hits
3106
Source Publishers Bill Users for Hits
3114

FIG. 31

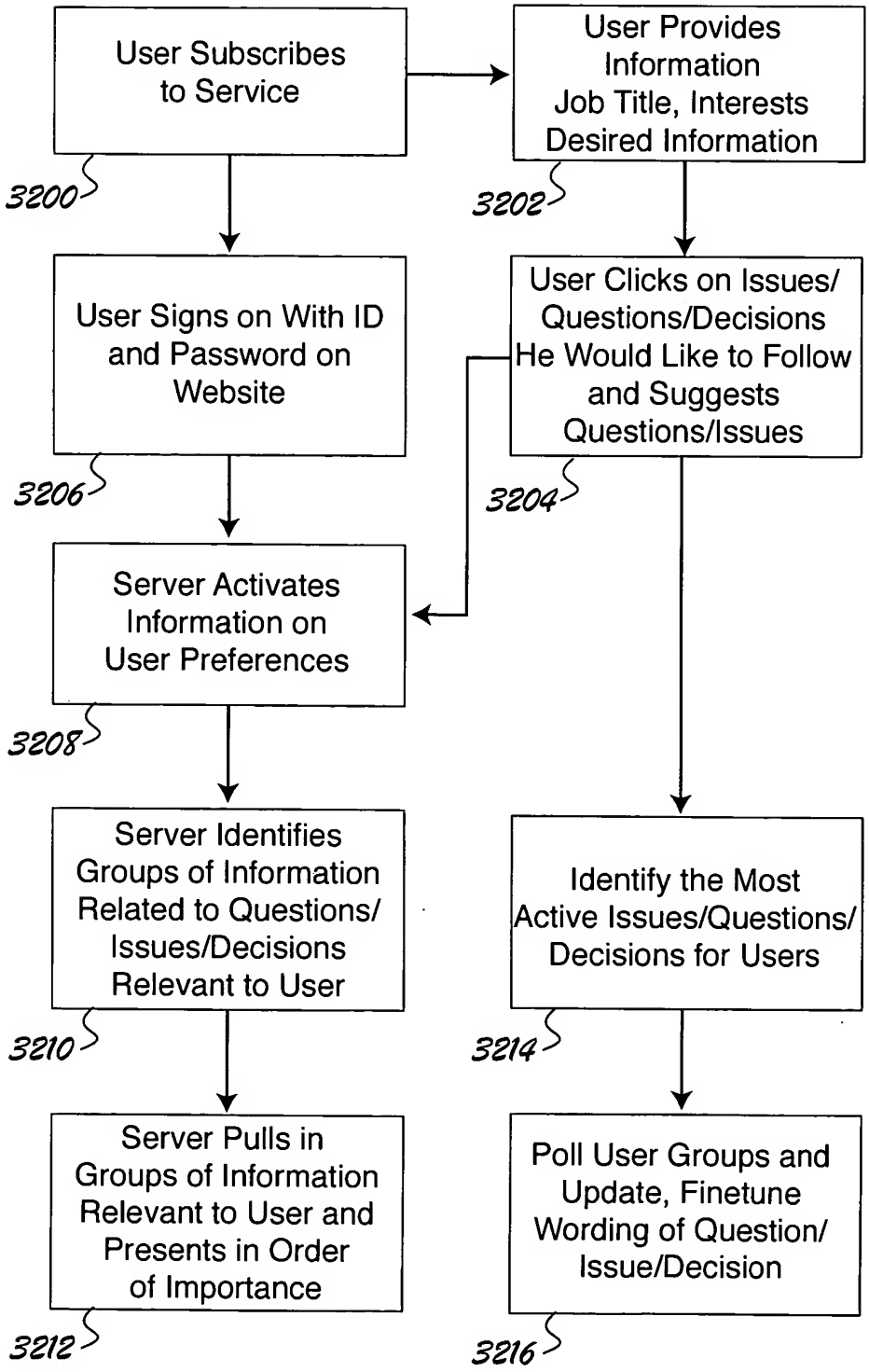

User Subscribes to Service
3200
User Provides Information Job Title, Interests Desired Information
3202
User Signs on With ID and Password on Website
3206
User Clicks on Issues/ Questions/Decisions He Would Like to Follow and Suggests Questions/Issues
3204
Server Activates Information on User Preferences
3208
Server Identifies Groups of Information Related to Questions/ Issues/Decisions Relevant to User
3210
Identify the Most Active Issues/Questions/ Decisions for Users
3214
Server Pulls in Groups of Information Relevant to User and Presents in Order of Importance
3212
Poll User Groups and Update, Finetune Wording of Question/ Issue/Decision
3216

FIG. 32

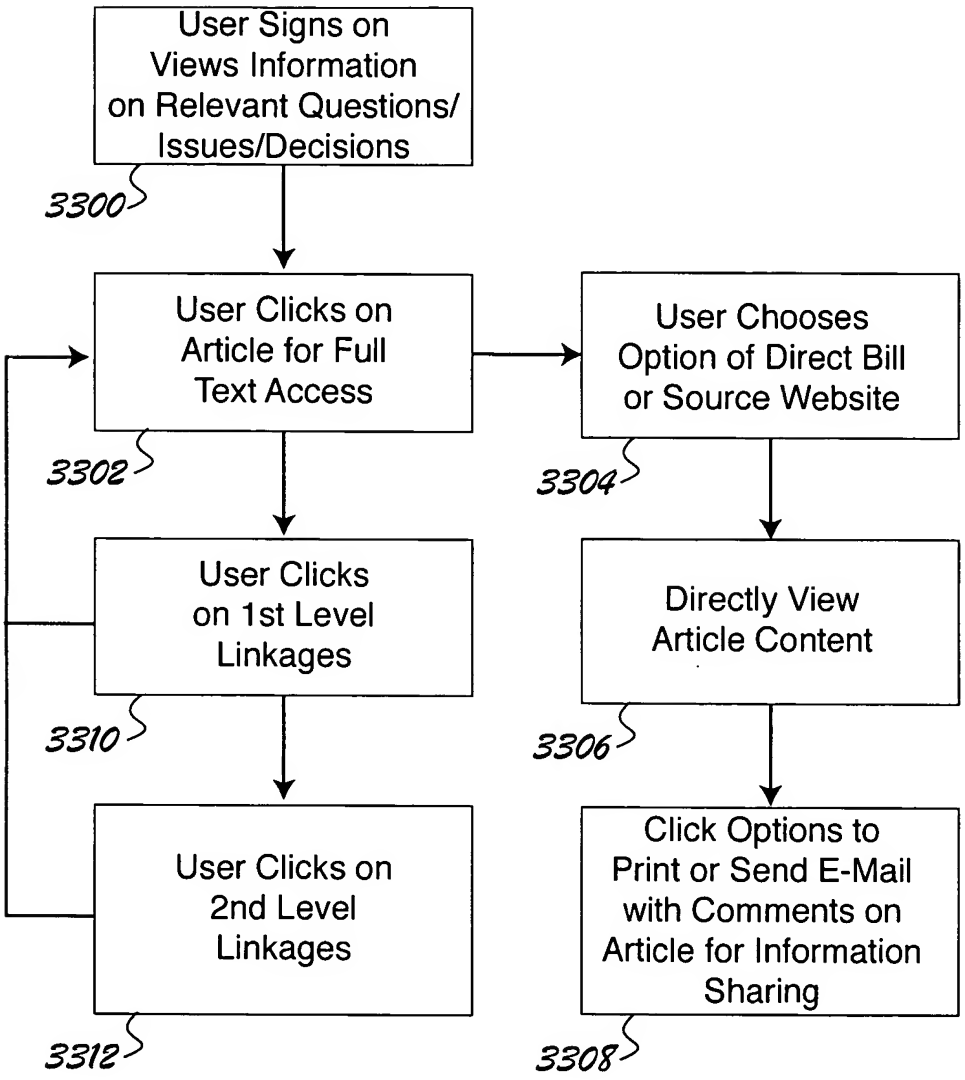

User Signs on Views Information on Relevant Questions/ Issues/Decisions
3300
User Clicks on Article for Full Text Access
3302
User Chooses Option of Direct Bill or Source Website
3304
User Clicks on 1st Level Linkages
3310
Directly View Article Content
3306
User Clicks on 2nd Level Linkages
3312
Click Options to Print or Send E-Mail with Comments on Article for Information Sharing
3308

FIG. 33

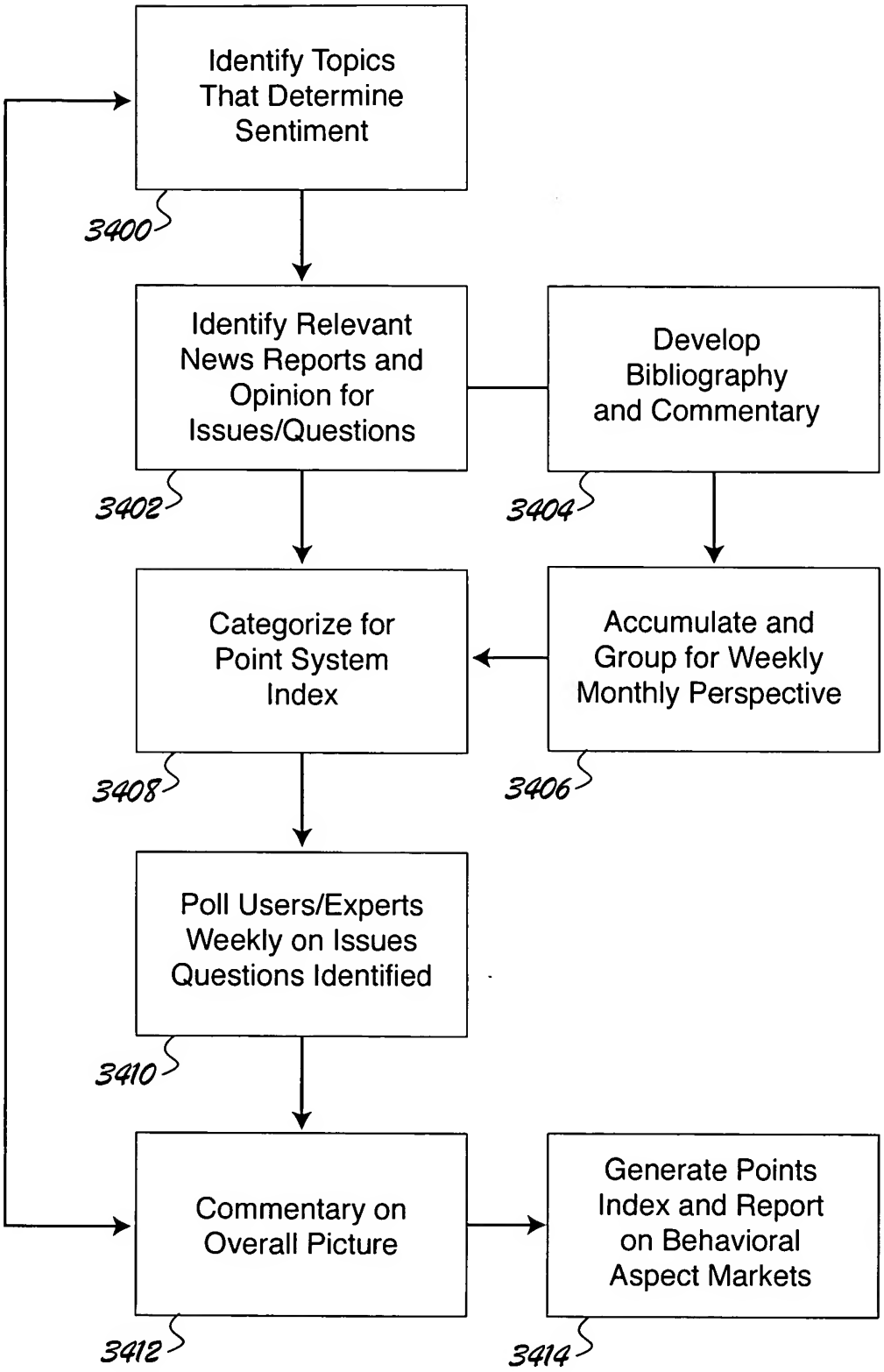

Identify Topics That Determine Sentiment
3400
Identify Relevant News Reports and Opinion for Issues/Questions
3402
Develop Bibliography and Commentary
3404
Categorize for Point System Index
3408
Accumulate and Group for Weekly Monthly Perspective
3406
Poll Users/Experts Weekly on Issues Questions Identified
3410
Commentary on Overall Picture
3412
Generate Points Index and Report on Behavioral Aspect Markets
3414

FIG. 34A

Topics	Sentiment*	Sept	October
1. Deflation, Budget Deficits, Dollar and Current Account Deficit	(-)	14/20	13.5/20
2. Corporate Profits, Debt, Investment Unemployment	(-)	15/20	14.5/20
3. Corporate Governance Goverment Regulation of Business	(-)	13/20	12.5/20
4. Stock and Bond Markets Credit Markets	(-)	15/20	14.5/20
5. External Picture		14/20	14.5/20
(1) Japan Bank Debt, Deflation, Deficits	(+)		
(2) W. Hemisphere Brazil Debt, Politics	(+)		
(3) W. Europe: Germany	(---)		
(4) Asia: China, S. Korea	(---)		
(5) Middle East: Oil Prices, Politics	(---)		
Overall Points Index on Behavioral Aspect of the Markets		71	69.5

*Positive sentiment (+), Negative (-), Neutral (---)

FIG. 34B

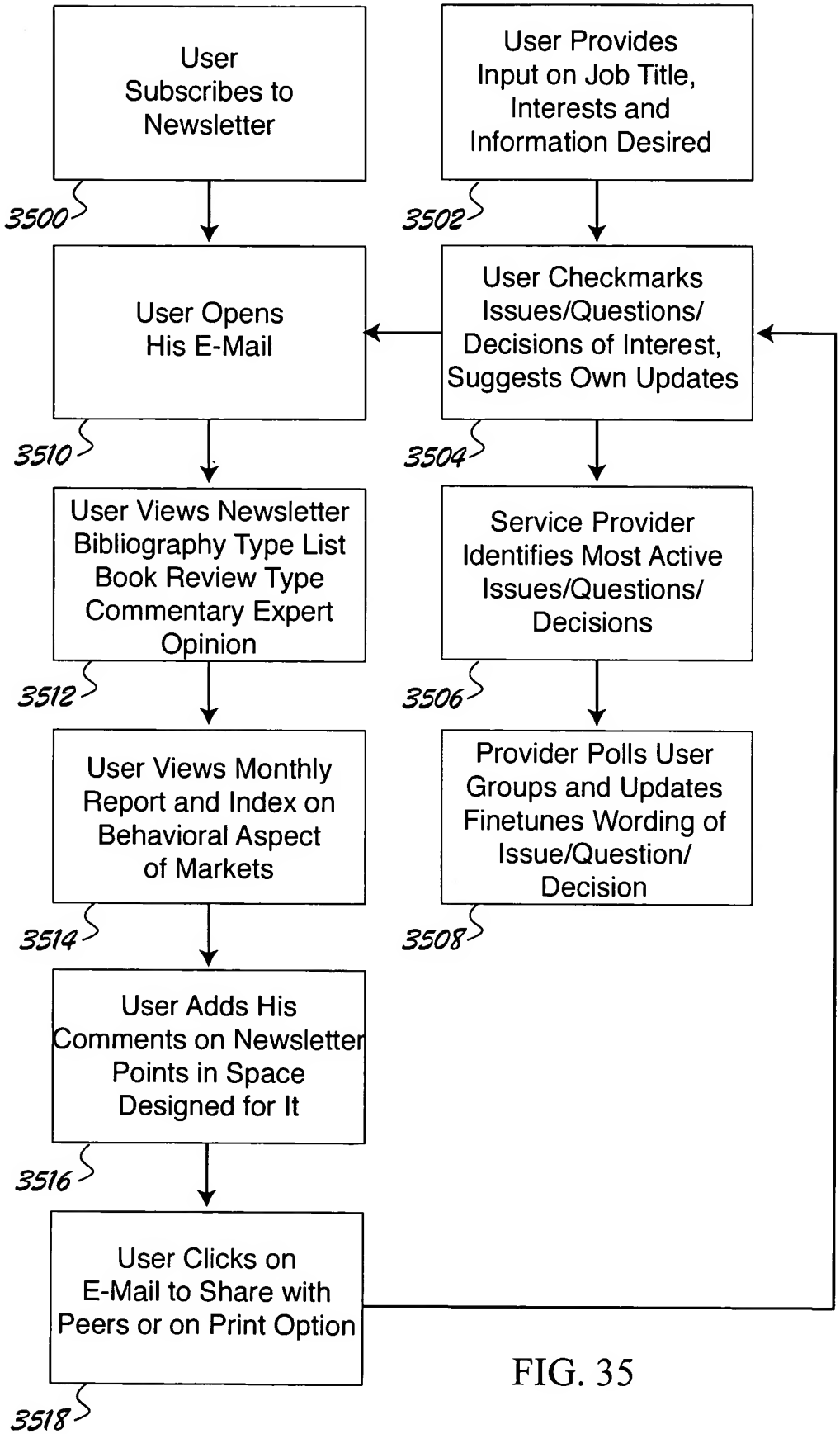

User Subscribes to Newsletter
3500
User Provides Input on Job Title, Interests and Information Desired
3502
User Opens His E-Mail
3510
User Checkmarks Issues/Questions/ Decisions of Interest, Suggests Own Updates
3504
User Views Newsletter Bibliography Type List Book Review Type Commentary Expert Opinion
3512
Service Provider Identifies Most Active Issues/Questions/ Decisions
3506
User Views Monthly Report and Index on Behavioral Aspect of Markets
3514
Provider Polls User Groups and Updates Finetunes Wording of Issue/Question/ Decision
3508
User Adds His Comments on Newsletter Points in Space Designed for It
3516
User Clicks on E-Mail to Share with Peers or on Print Option
3518

FIG. 35

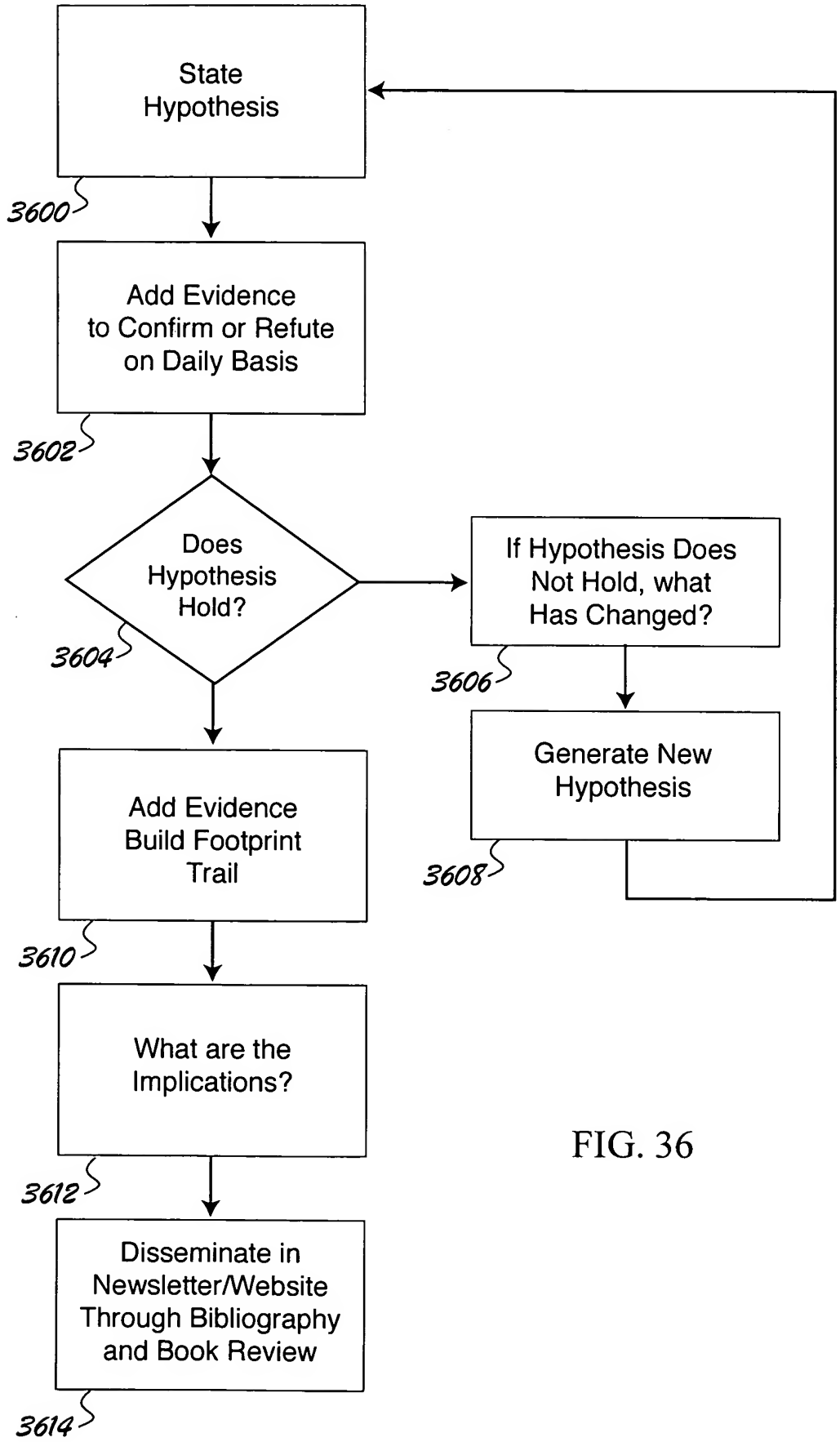

State Hypothesis
3600
Add Evidence to Confirm or Refute on Daily Basis
3602
Does Hypothesis Hold?
3604
If Hypothesis Does Not Hold, what Has Changed?
3606
Generate New Hypothesis
3608
Add Evidence Build Footprint Trail
3610
What are the Implications?
3612
Disseminate in Newsletter/Website Through Bibliography and Book Review
3614

FIG. 36

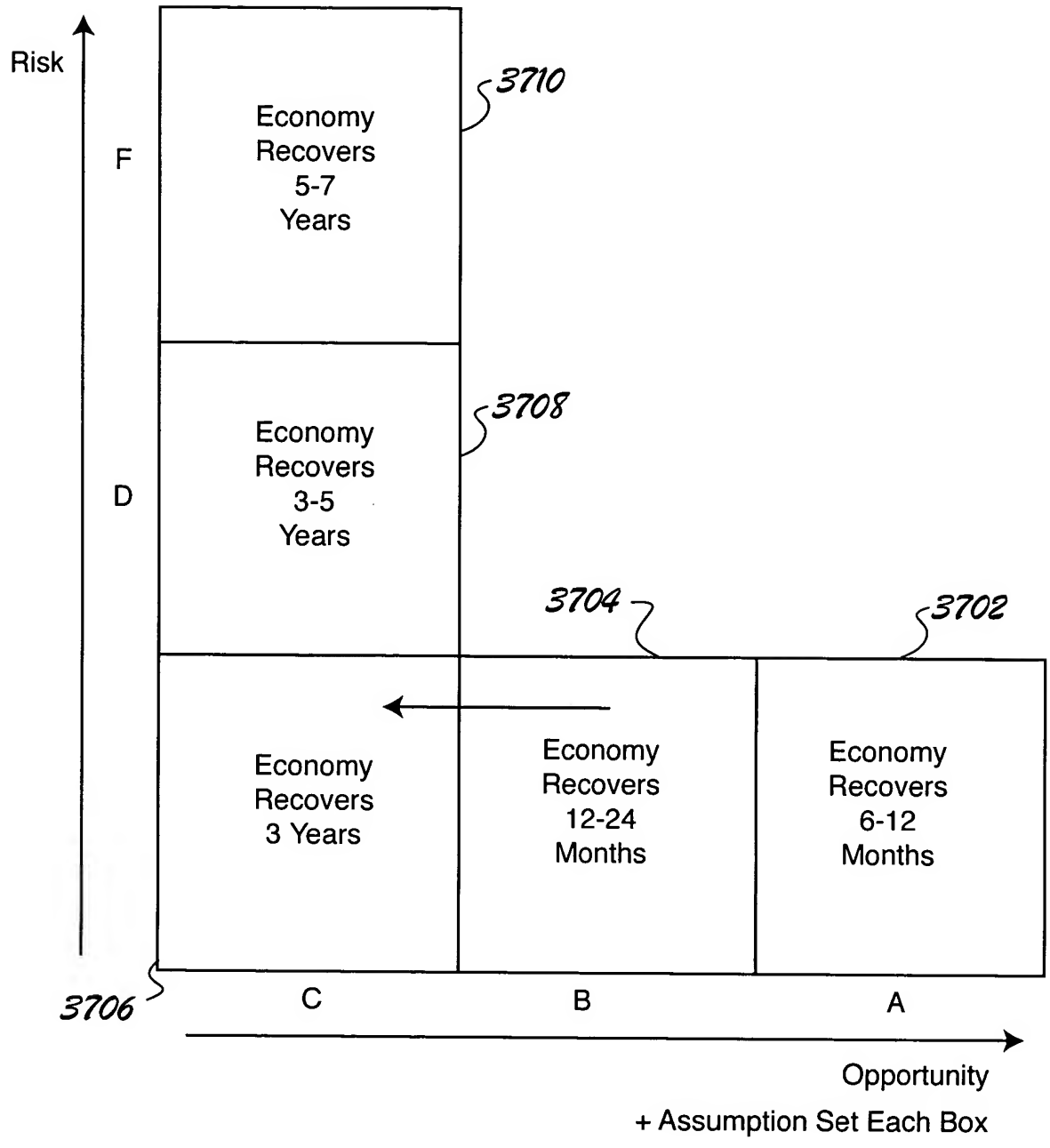

Risk
F
D
Economy Recovers 5-7 Years
3710
Economy Recovers 3-5 Years
3708
3704
3702
Economy Recovers 3 Years
Economy Recovers 12-24 Months
Economy Recovers 6-12 Months
3706
C
B
A
Opportunity
+ Assumption Set Each Box

FIG. 37

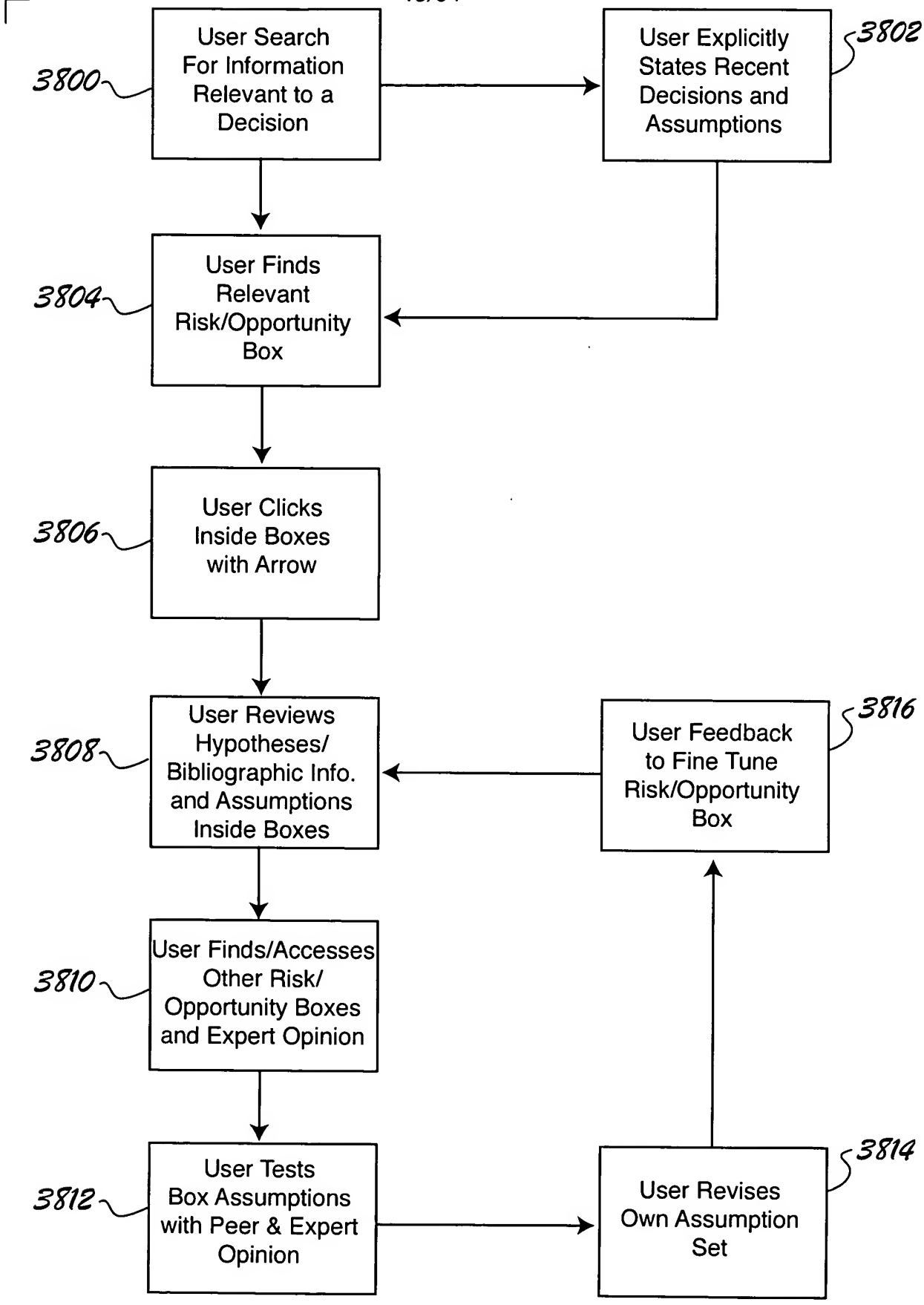
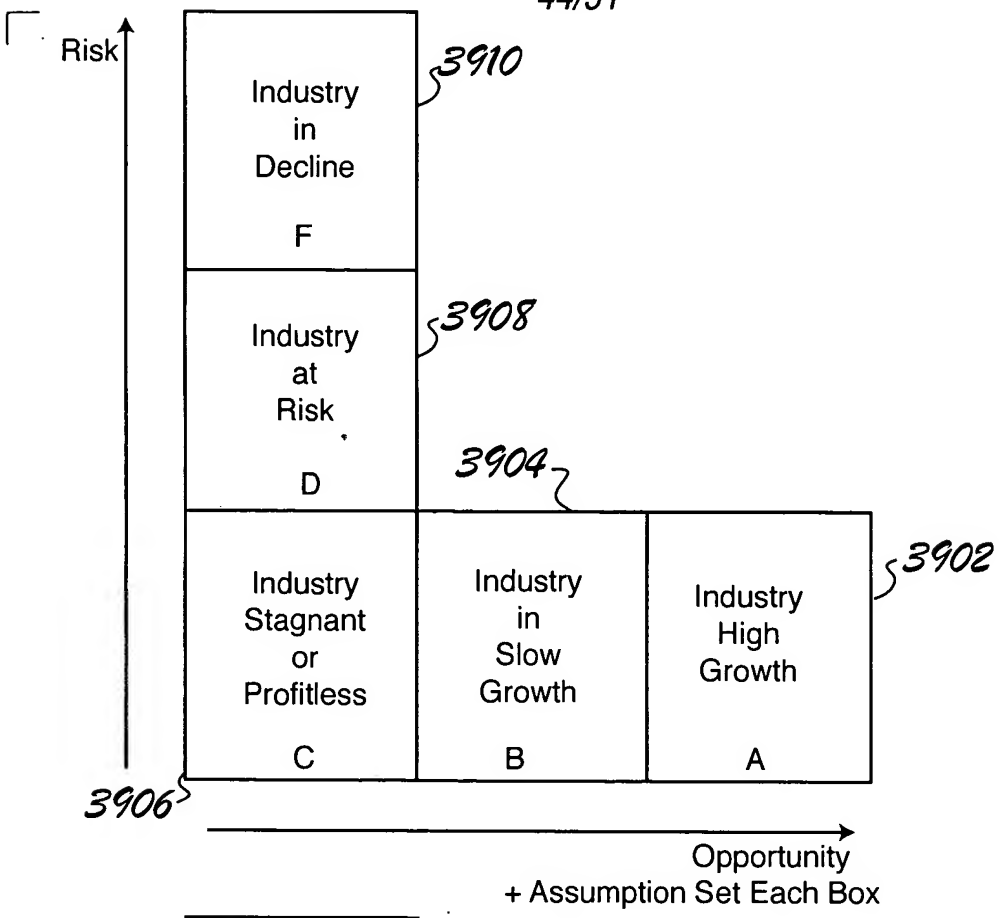

User Search For Information Relevant to a Decision
3800
User Explicitly States Recent Decisions and Assumptions
3802
User Finds Relevant Risk/Opportunity Box
3804
User Clicks Inside Boxes with Arrow
3806
User Reviews Hypotheses/ Bibliographic Info. and Assumptions Inside Boxes
3808
User Feedback to Fine Tune Risk/Opportunity Box
3816
User Finds/Accesses Other Risk/ Opportunity Boxes and Expert Opinion
3810
User Tests Box Assumptions with Peer & Expert Opinion
3812
User Revises Own Assumption Set
3814

FIG. 38


Risk
Industry in Decline
F
3910
Industry at Risk
D
3908
3904
Industry Stagnant or Profitless
C
Industry in Slow Growth
B
Industry High Growth
A
3902
3906
Opportunity
+ Assumption Set Each Box

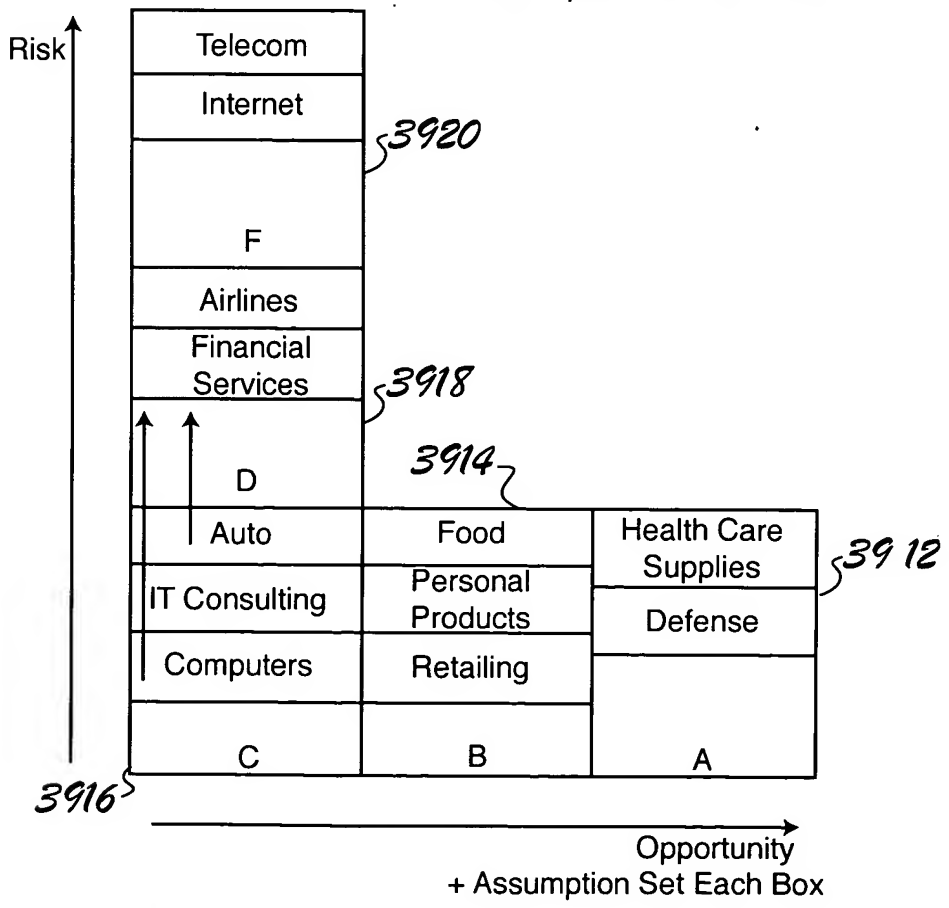

Risk
Telecom
Internet
3920
F
Airlines
Financial Services
3918
D
3914
Auto
Food
Health Care Supplies
3912
IT Consulting
Personal Products
Defense
Computers
Retailing
C
B
A
3916
Opportunity
+ Assumption Set Each Box

FIG. 39

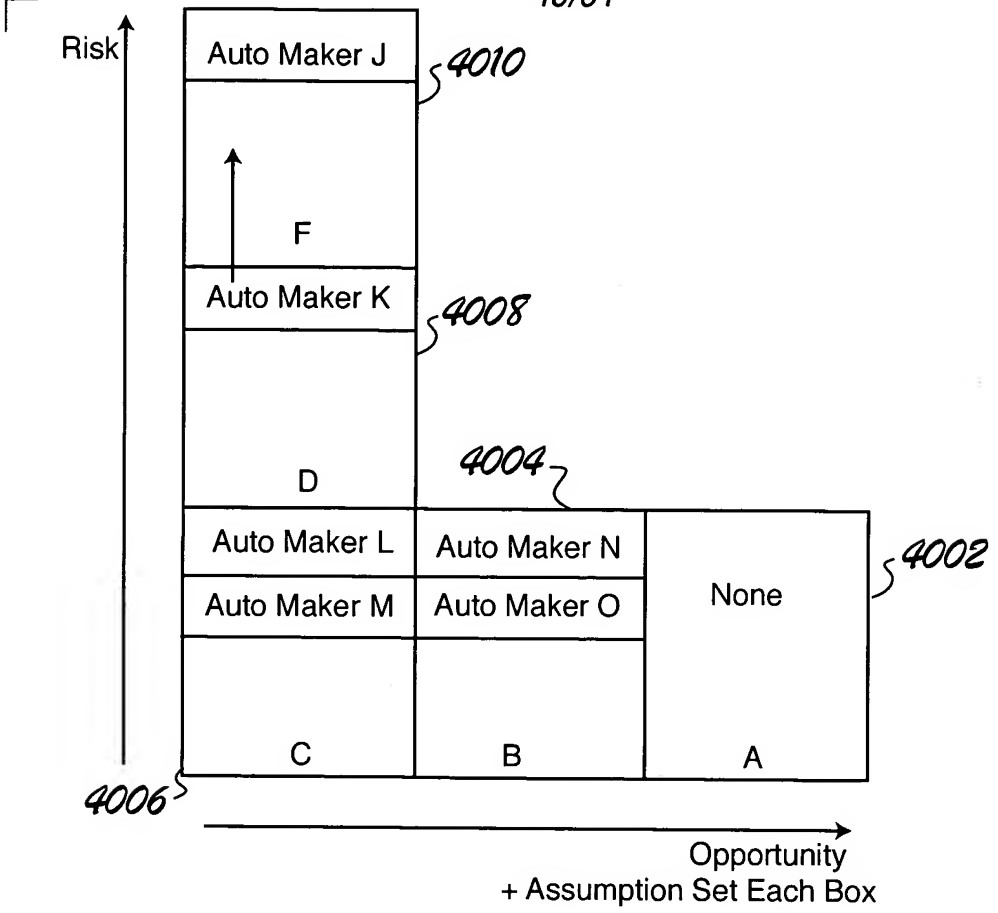
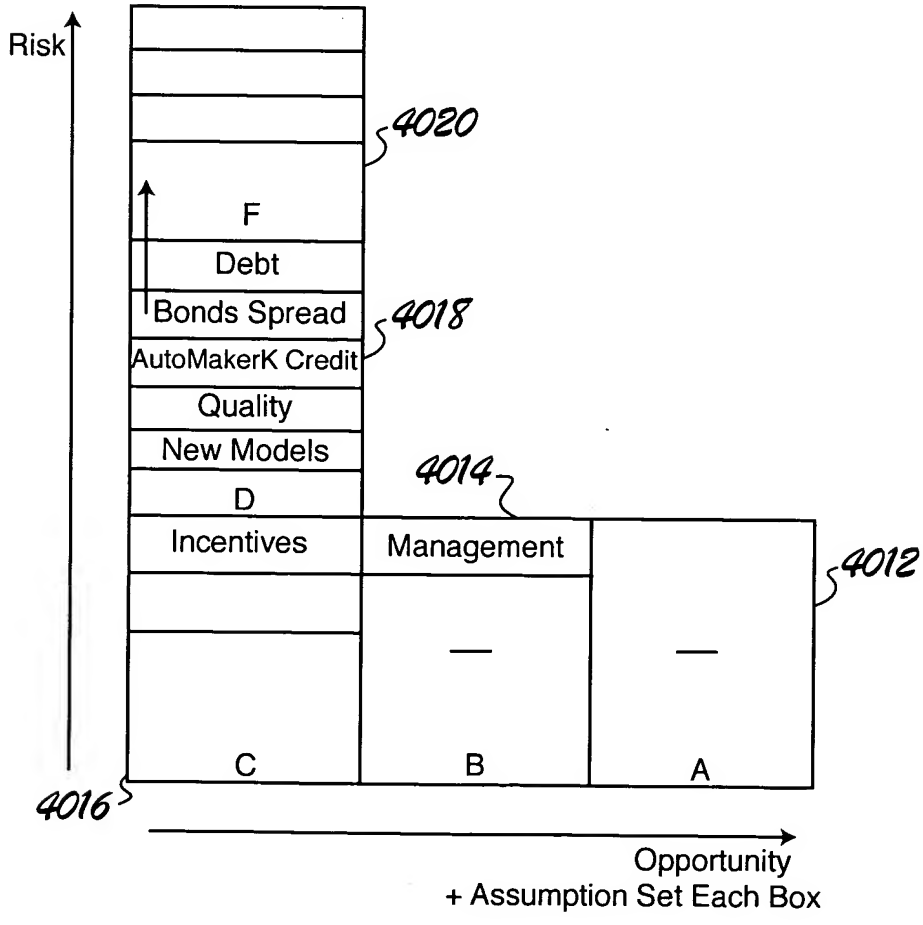
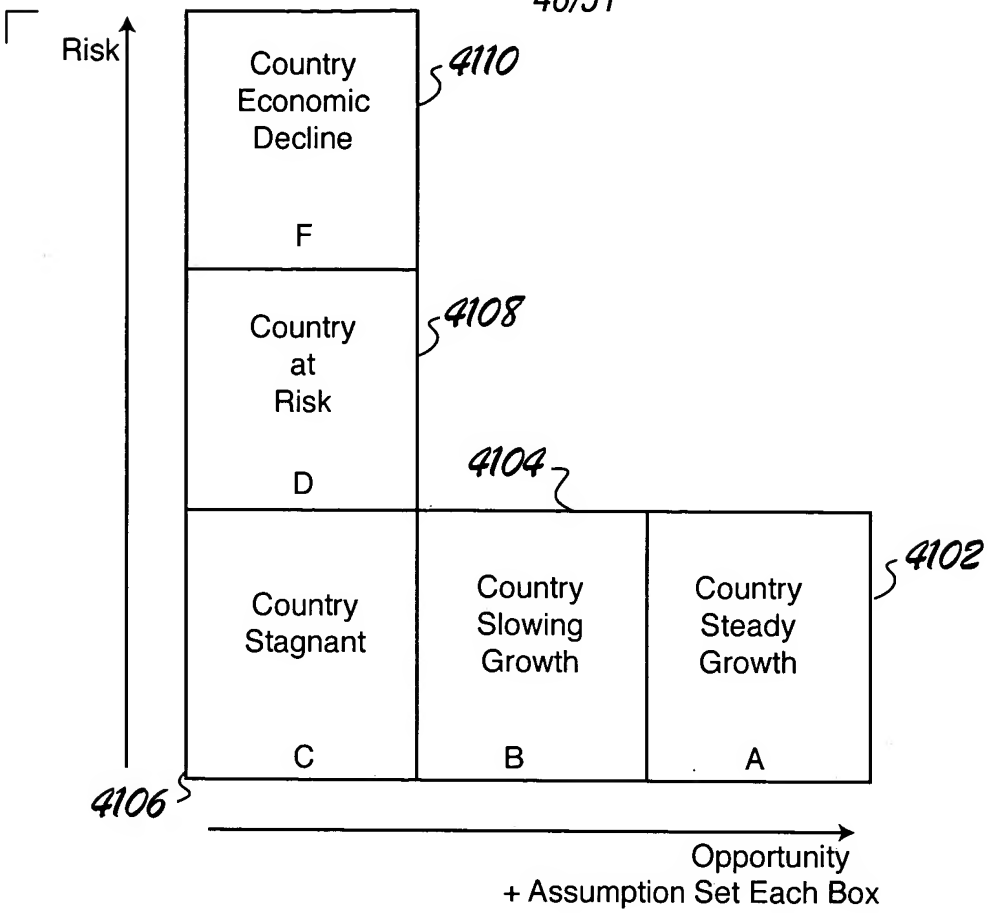

Risk
Auto Maker J
4010
F
Auto Maker K
4008
D
4004
Auto Maker L
Auto Maker N
Auto Maker M
Auto Maker O
None
4002
C
B
A
4006
Opportunity
+ Assumption Set Each Box

FIG. 40


Risk
4020
F
Debt
Bonds Spread
4018
AutoMakerK Credit
Quality
New Models
D
4014
Incentives
Management
4012
C
B
A
4016
Opportunity
+ Assumption Set Each Box


Risk
Country Economic Decline
F
4110
Country at Risk
D
4108
4104
Country Stagnant
C
Country Slowing Growth
B
Country Steady Growth
A
4102
4106
Opportunity
+ Assumption Set Each Box

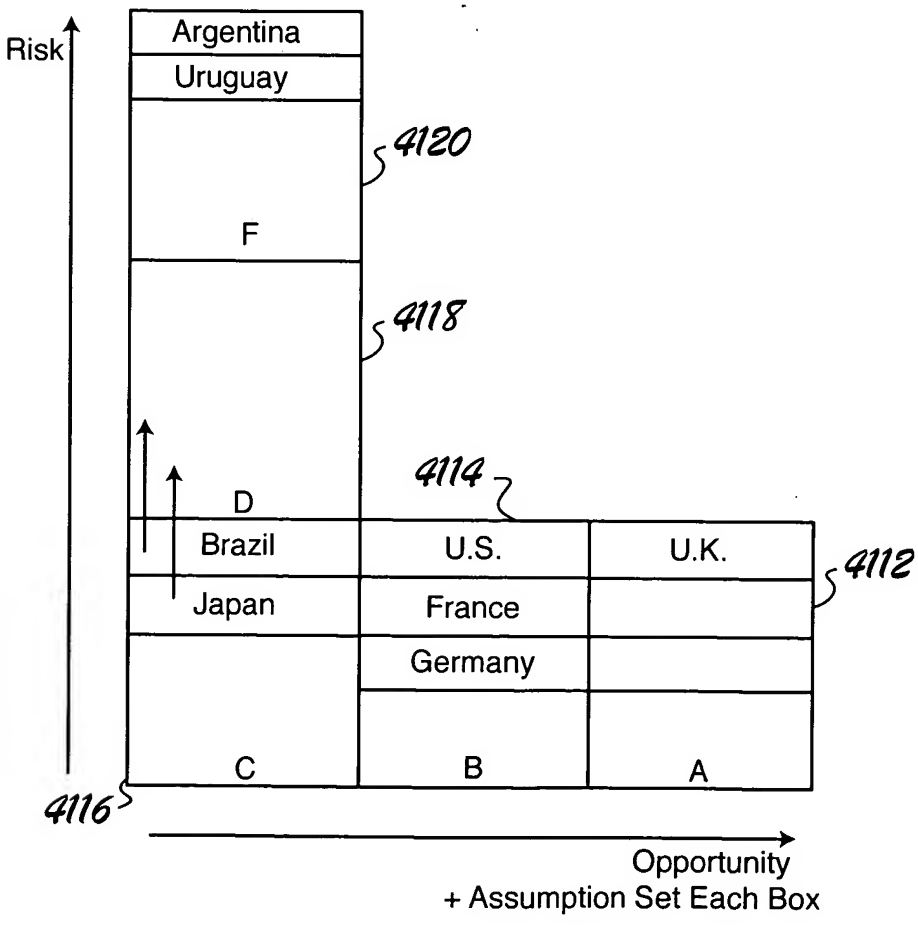

Risk
Argentina
Uruguay
4120
F
4118
4114
D
Brazil
Japan
U.S.
France
Germany
U.K.
4112
C
B
A
4116
Opportunity
+ Assumption Set Each Box

FIG. 41

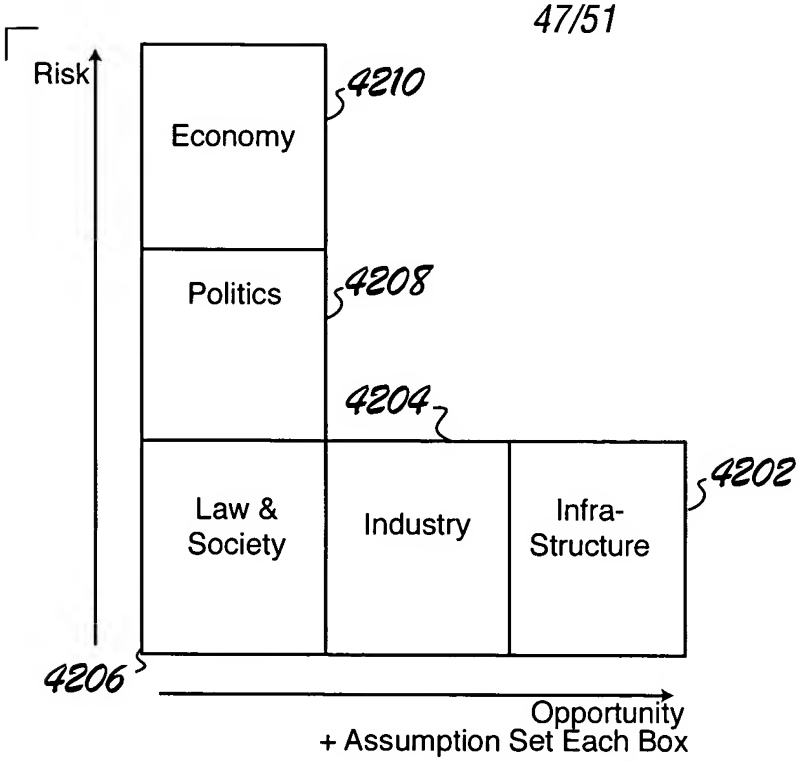
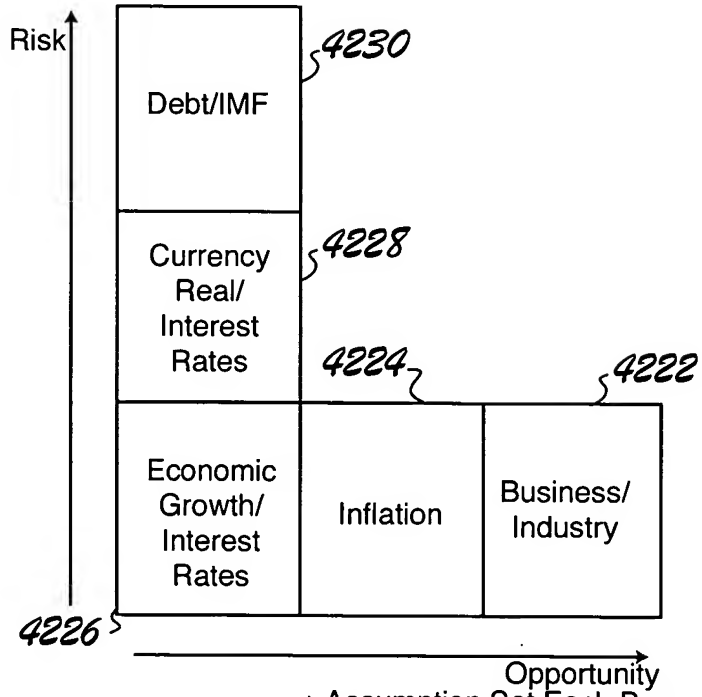

Risk
Economy
4210
Politics
4208
4204
Law & Society
Industry
Infra-Structure
4202
4206
Opportunity
+ Assumption Set Each Box

FIG. 42


Risk
Debt/IMF
4230
Currency Real/ Interest Rates
4228
4224
4222
Economic Growth/ Interest Rates
Inflation
Business/ Industry
4226
Opportunity
+ Assumption Set Each Box

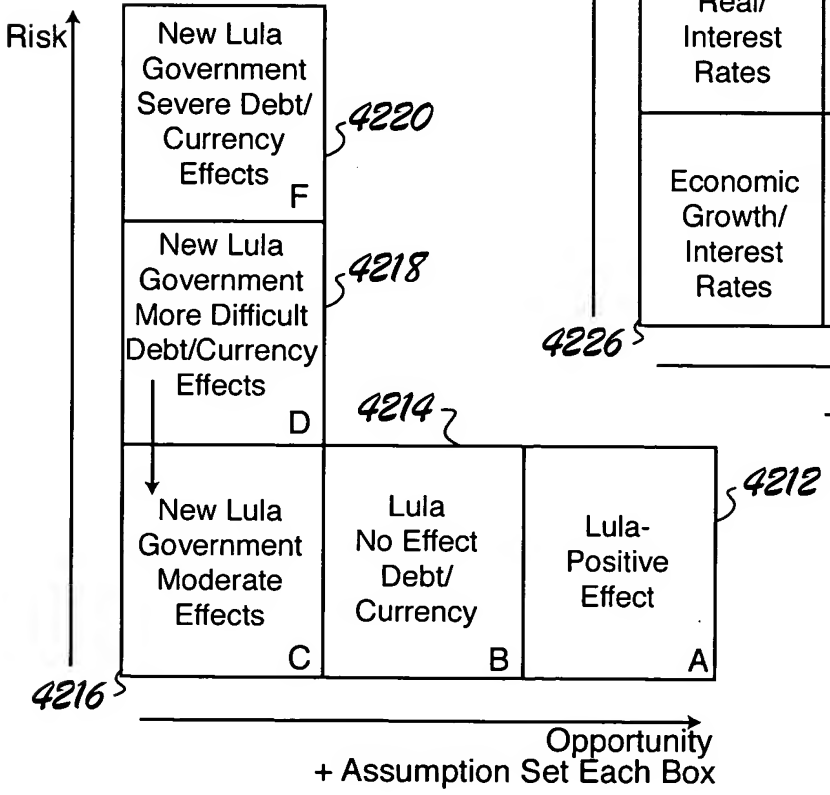
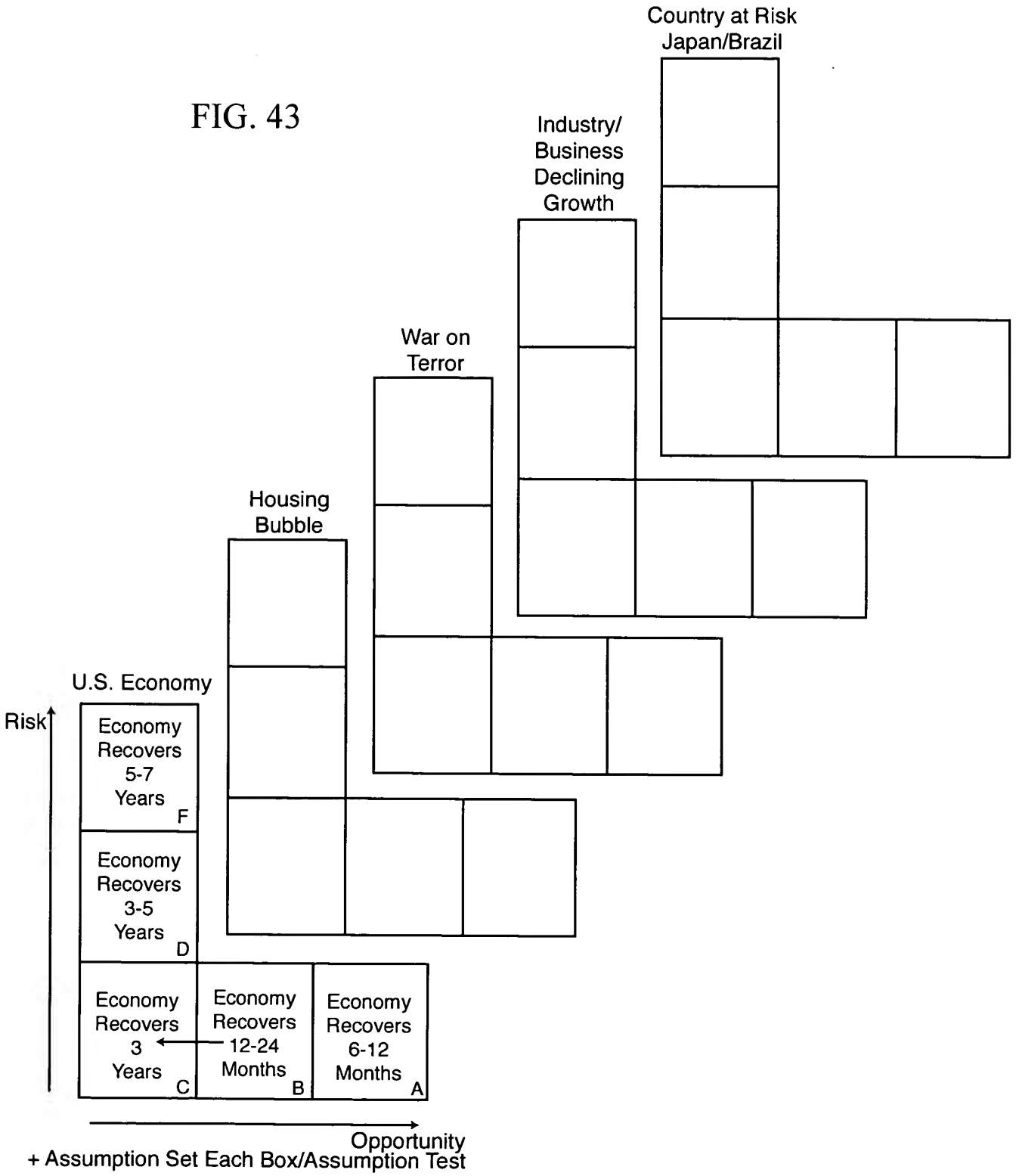

Risk
New Lula Government Severe Debt/ Currency Effects
F
4220
New Lula Government More Difficult Debt/Currency Effects
D
4218
4214
New Lula Government Moderate Effects
C
Lula No Effect Debt/ Currency
B
Lula- Positive Effect
A
4212
4216
Opportunity
+ Assumption Set Each Box

FIG. 43


Country at Risk
Japan/Brazil
Industry/
Business
Declining
Growth
War on
Terror
Housing
Bubble
U.S. Economy
Risk
Economy
Recovers
5-7
Years
F
Economy
Recovers
3-5
Years
D
Economy
Recovers
3
Years
C
Economy
Recovers
12-24
Months
B
Economy
Recovers
6-12
Months
A
Opportunity
+ Assumption Set Each Box/Assumption Test

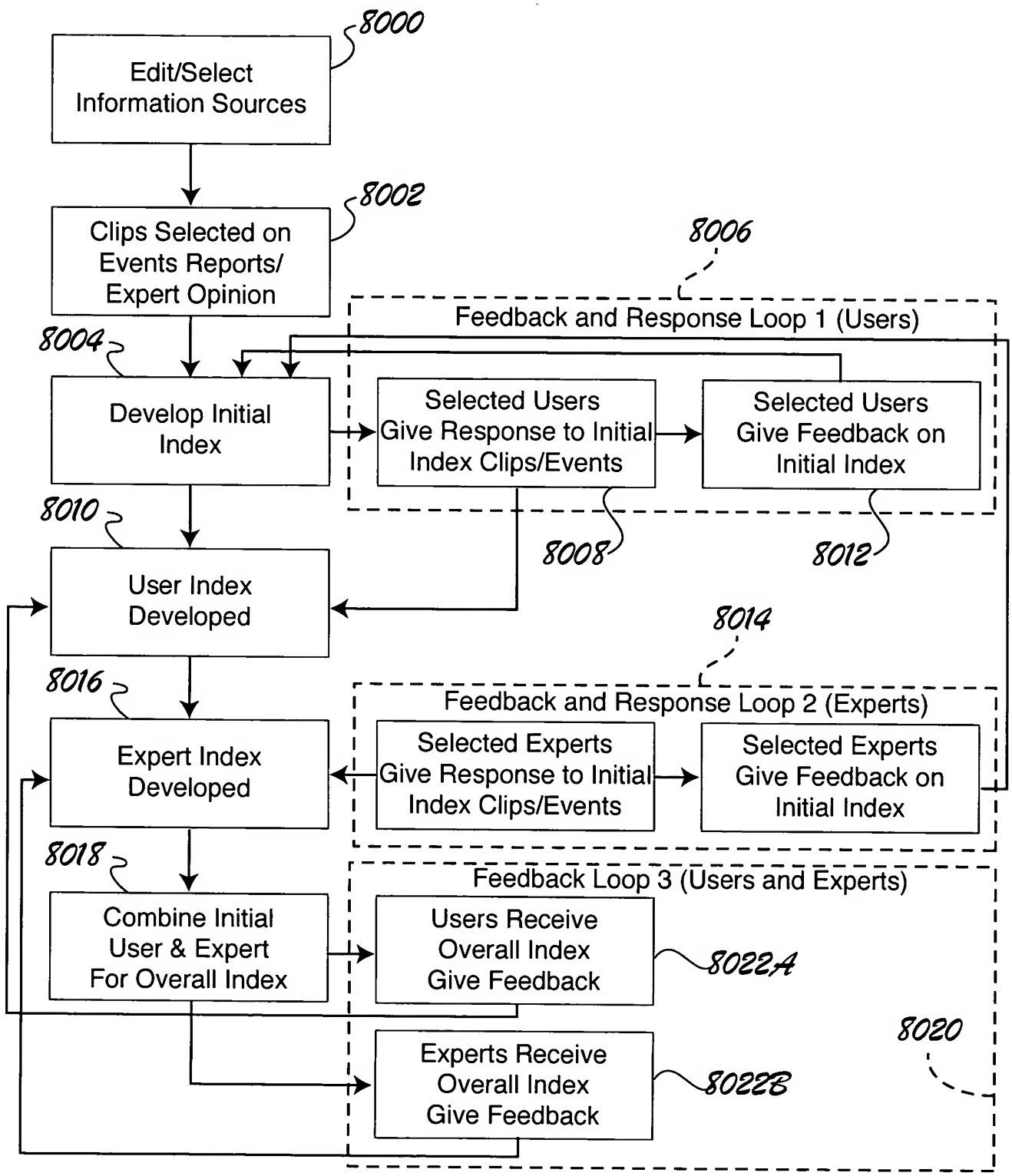

8000
Edit/Select Information Sources
8002
Clips Selected on Events Reports/ Expert Opinion
8006
Feedback and Response Loop 1 (Users)
8004
Develop Initial Index
Selected Users Give Response to Initial Index Clips/Events
Selected Users Give Feedback on Initial Index
8008
8012
8010
User Index Developed
8014
Feedback and Response Loop 2 (Experts)
8016
Expert Index Developed
Selected Experts Give Response to Initial Index Clips/Events
Selected Experts Give Feedback on Initial Index
8018
Feedback Loop 3 (Users and Experts)
Combine Initial User & Expert For Overall Index
Users Receive Overall Index Give Feedback
8022A
8020
Experts Receive Overall Index Give Feedback
8022B

FIG. 44

50/51

Development of User Index and Expert Index

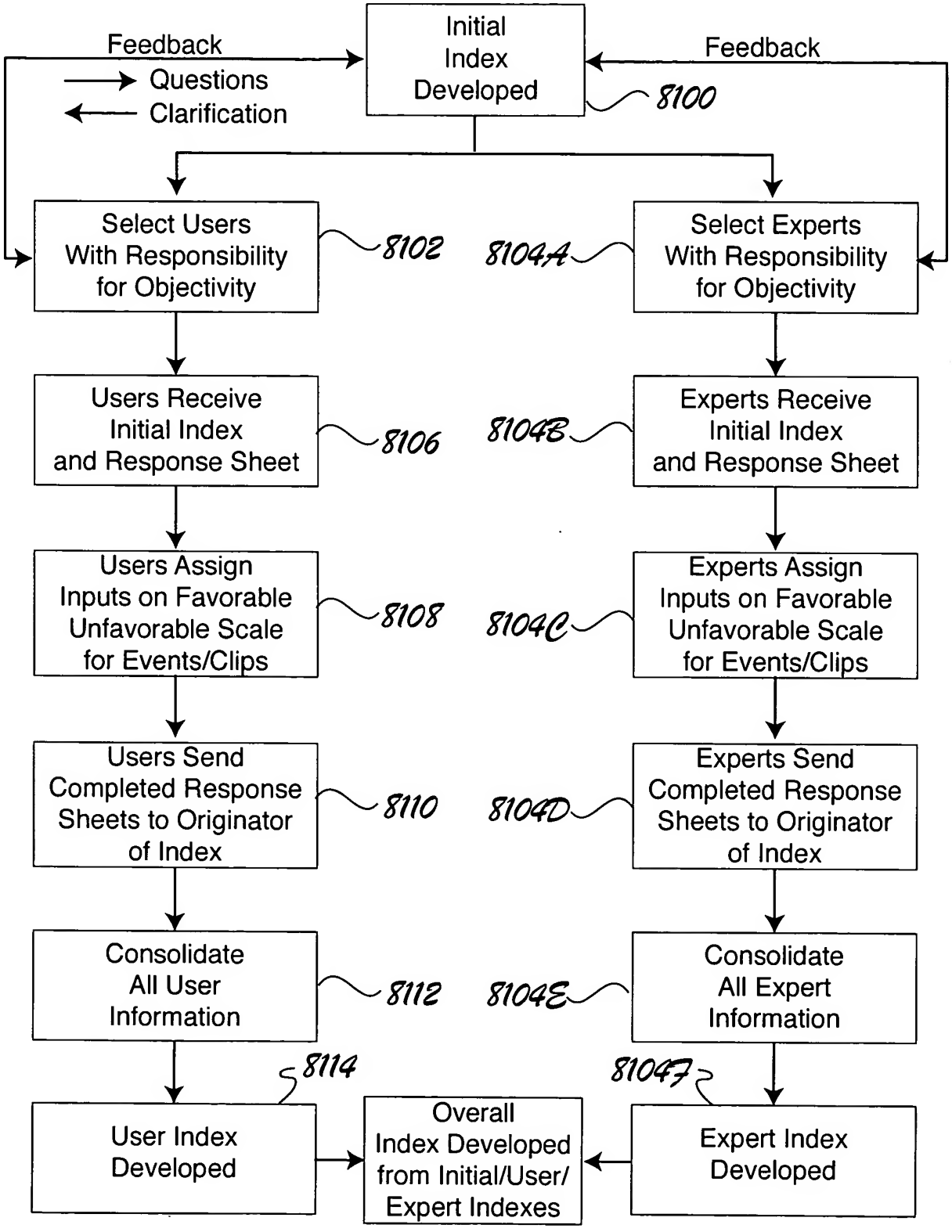


FIG. 45

Simulation Feature of Index for Users and Experts

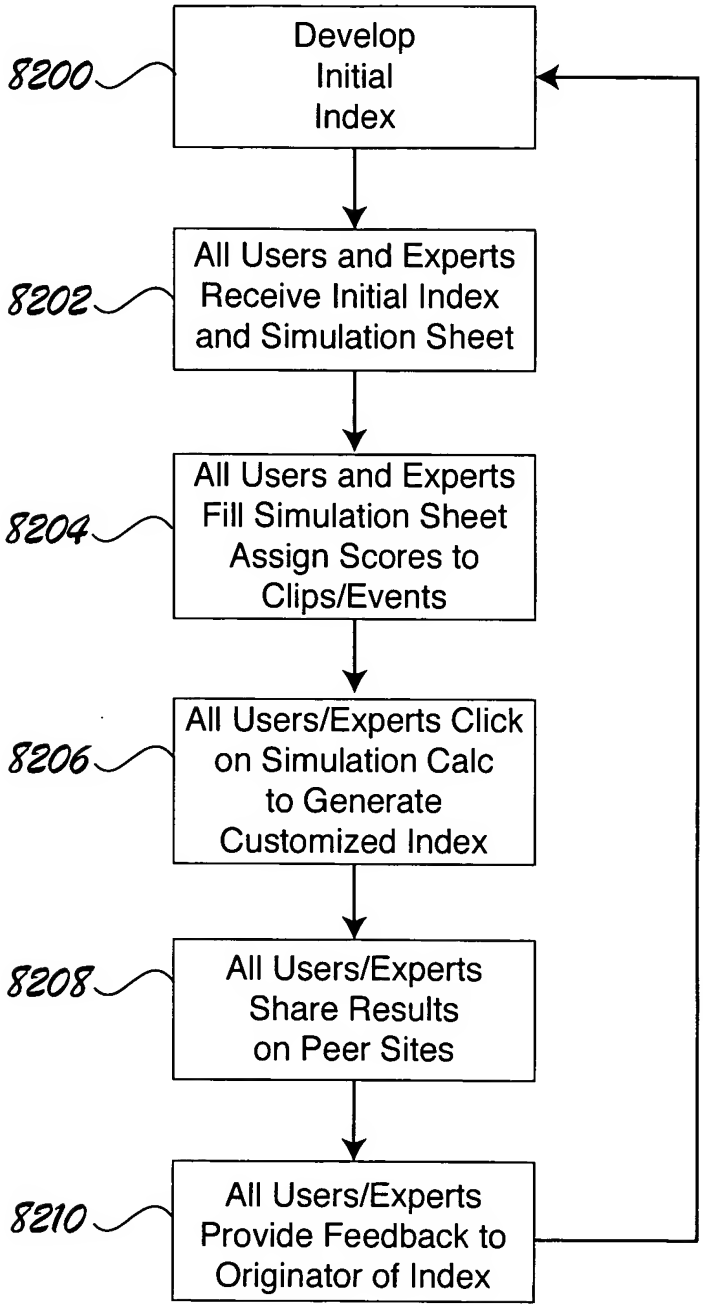


FIG. 46